

Strategy Companion

EXTEND THE POWER OF ANALYTICS TO YOUR ENTIRE ORGANIZATION

Roadmap Analyzer 2021

Report – Enhanced Report Loading Time

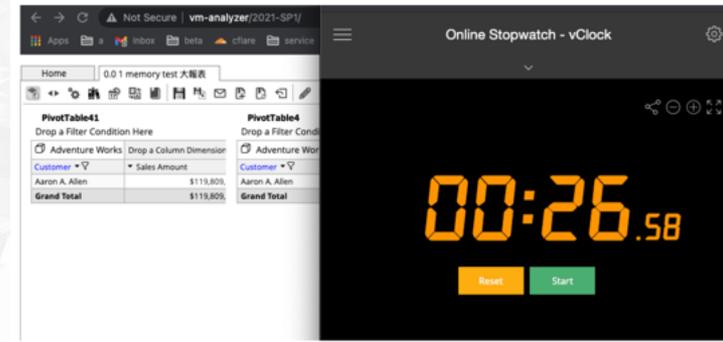
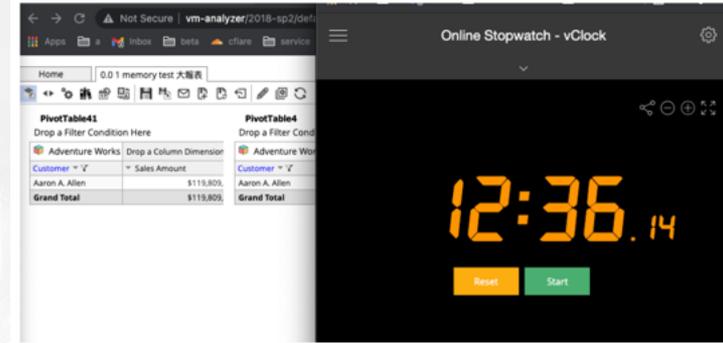
It may take a long time to open a report if the report has a large number of members plus contains many PivotTables with a large amount of data. However, in this version, a memory compression technique is used to improve the operational speed drastically. As an example, a report that took several minutes to open now can open in 26 seconds.

To enable this function, you need to add the following three keys to appSettings

```
<add key="ValidationSettings:UnobtrusiveValidationMode" value="None" />
<add key="AppContext.SetSwitch:Switch.System.Runtime.Serialization.UseNewMaxArraySize" value="true" />
<add key="aspnet:UseTaskFriendlySynchronizationContext" value="false" />
```

Also, verify the red section is added to Web.Config.

```
<?xml version="1.0" encoding="UTF-8"?>
<configuration xmlns="http://schemas.microsoft.com/.NetConfiguration/v2.0">
  <system.web>
    <compilation defaultLanguage="c#" debug="false" />
    <customErrors mode="Off" />
    <identity impersonate="true" />
    <authentication mode="Windows" />
    <authorization>
      <allow users="*" />
    </authorization>
    <sessionState mode="InProc" cookieless="false" timeout="120" />
    <globalization fileEncoding="utf-8" requestEncoding="utf-8" responseEncoding="utf-8" culture="en-US" />
    <httpRuntime maxRequestLength="50000" requestValidationMode="2.0" targetFramework="4.8"/>
    <xhtmlConformance mode="Legacy" />
  </system.web>
  <system.webServer>
    <validation validateIntegratedModeConfiguration="false" />
    <handlers>
      <add path="ChartAxd.axd" verb="*" name="ChartHttpHandler" type="Dundas.Charting.WebControl.ChartHttpHandler" />
      <add path="RenderInterface.axd" verb="*" name="RenderInterface" type="RenderInterface" />
      <add path="RenderBinary.axd" verb="*" name="RenderBinary" type="RenderBinary" />
    </handlers>
  </system.webServer>
</configuration>
```



Report – Cancel Query Support

While working with a large amount of data, opening a report or executing a PivotTable command may take some time. Whenever it exceeds more than one second, a "Query is Running" dialog is displayed to offer a way to cancel the operation. After canceling, the state will go back to the previous action. If it cannot return to the last activity, the table will return to the top level.

In the past, if the query execution time was too long, the user could not cancel it, which may cause an unsaved report to be scrapped if the user decides to close and restart.

In addition, due to being unable to cancel the running query in the past, even after the front-end Browser is closed, the back-end query is still running, which wastes precious server resources.

Adventure Works		Europe					North America				
Category	Subcategory	Sales Amount	Order Quantity	Gross Profit Margin	Gross Profit	Standard Product Cost	Sales Amount	Order Quantity	Gross Profit Margin	Gross Profit	Standard Product Cost
Accessories	Bike Racks	\$62,873.27	857	38.83%	\$24,411.11	\$8,437.44	\$155,816.18	2,086	39.92%	\$62,196.50	\$23,606.88
	Bike Stands	\$10,653.00	67	62.60%	\$6,668.78	\$3,984.22	\$18,603.00	117	62.60%	\$11,645.48	\$6,957.52
	Bottles and Cages	\$18,999.42	3,069	59.73%	\$11,347.89	\$6,550.41	\$33,667.83	5,789	58.54%	\$19,709.88	\$11,259.28
	Cleaners	\$4,426.23	821	44.85%	\$1,985.15	\$874.15	\$11,694.32	2,162	45.03%	\$5,266.05	\$2,357.83
	Fenders	\$8,945.86	407	62.60%	\$5,600.12	\$3,345.74	\$30,530.22	1,389	62.60%	\$19,111.95	\$11,418.27
	Helmets	\$119,717.12	4,420	51.32%	\$61,438.55	\$33,434.96	\$312,483.23	13,508	42.96%	\$134,228.20	\$69,206.68
	Hydration Packs	\$27,876.80	756	44.23%	\$12,328.68	\$4,997.61	\$63,740.80	1,701	45.12%	\$28,757.52	\$12,751.11
	Locks	\$1,785.00	119	31.25%	\$557.81	\$299.06	\$14,440.22	967	30.94%	\$4,468.03	\$2,371.88
	Pumps	\$1,778.89	149	30.93%	\$550.26	\$272.11	\$11,735.79	981	31.07%	\$3,646.57	\$1,929.54
	Tires and Tubes	\$70,921.64	5,440	62.50%	\$44,328.24	\$26,464.92	\$128,730.90	9,259	62.48%	\$80,424.90	\$48,000.23
Accessories Subtotal		\$327,977.23	16,105	51.59%	\$169,216.58	\$88,660.64	\$781,442.50	37,959	47.28%	\$369,455.08	\$189,859.22
Bikes	Mountain Bikes	\$5,506,552.01	4,126	28.91%	\$1,592,143.56	\$2,393,551.06	\$27,966,136.93	22,765	10.87%	\$3,039,959.00	\$9,086,759.44
	Road Bikes	\$7,146,798.45	6,321	20.45%	\$1,461,440.60	\$3,155,110.60	\$27,966,136.93	22,765	3.15%	\$998,384.16	\$12,613,982.47
	Touring Bikes	\$4,501,010.77	4,693	2.32%	\$104,480.57	\$1,422,550.00	\$27,966,136.93	22,765	1.60%	(\$121,433.41)	\$3,361,377.84
Bikes Subtotal		\$17,154,361.22	15,140	18.41%	\$3,158,064.74	\$4,977,211.66	\$27,966,136.93	22,765	5.82%	\$3,916,909.75	\$25,062,119.75
Clothing	Bib-Shorts	\$19,582.69	365	30.81%	\$6,033.56	\$3,033.56	\$19,582.69	365	0.73%	\$45,223.03	\$24,759.64
	Caps	\$12,682.44	1,830	3.33%	\$422.55	\$422.55	\$12,682.44	1,830	6.43%	(\$2,169.60)	\$12,307.28
	Gloves	\$41,637.63	2,323	38.32%	\$15,955.94	\$15,955.94	\$41,637.63	2,323	2.32%	\$61,852.31	\$28,874.95
	Jerseys	\$171,102.36	4,970	-13.17%	(\$22,530.36)	\$22,530.36	\$171,102.36	4,970	4.06%	(\$73,141.47)	\$170,960.54
	Shorts	\$62,889.75	1,515	37.57%	\$23,624.58	\$23,624.58	\$62,889.75	1,515	36.94%	\$123,738.85	\$52,684.45
	Socks	\$3,048.06	481	46.94%	\$1,430.79	\$729.62	\$25,690.19	4,624	39.32%	\$10,102.22	\$3,706.42
	Tights	\$21,737.65	493	29.84%	\$6,487.49	\$3,371.74	\$180,095.35	4,069	30.11%	\$54,227.35	\$26,602.72
	Vests	\$68,700.00	1,820	37.08%	\$25,476.82	\$8,003.41	\$169,722.75	4,427	38.05%	\$64,585.93	\$22,086.57

Query is running

Cancel

PivotTable - Group by measure

Single Measure Mode

Single Measure Mode

Group by Measure

The new Group by Measure option allows grouping of the same measure for easy comparison under different members. The Group by Measure feature supports both measures on column or row, and it also works well with calculated expressions and the new Subtotal or Grand Total First features.

PivotTable1

Drop a Filter Condition Here

		Group ▼ Country ▼																
Adventure Works		Grand Total	Europe	North America	Canada	United States	Pacific	Grand Total	Europe	North America	Canada	United States	Pacific	Grand Total	Europe	North America	Canada	United States
Category ▼	Subcategory ▼	▼ Sales Amount	▼ Sales Amount	▼ Sales Amount	▼ Sales Amount	▼ Sales Amount	▼ Sales Amount	▼ Order Quantity	▼ Gross Profit Margin									
Grand Total		\$109,809,274.20	\$19,800,577.06	\$79,353,361.18	\$16,355,770.46	\$62,997,590.72	\$10,655,335.96	274,776	53,010	203,473	49,381	154,092	18,293	11.43%	17.79%	6.87%	6.16%	7.0%
Accessories		\$1,272,057.89	\$327,977.23	\$781,442.50	\$221,505.20	\$559,937.30	\$162,638.16	61,931	16,105	\$221,505.20	10,763	37,959	27,196	49.88%	51.59%	47.28%	47.57%	47.1%
	Bike Racks	\$237,096.16	\$62,873.27	\$155,816.18	\$44,575.67	\$111,240.52	\$18,406.70	3,166	857	2,086	594	1,492	223	40.07%	38.83%	39.92%	40.19%	39.8
	Bike Stands	\$39,591.00	\$10,653.00	\$18,603.00	\$5,088.00	\$13,515.00	\$10,335.00	249	67	117	32	85	65	62.60%	62.60%	62.60%	62.60%	62.6
	Bottles and Cages	\$64,274.79	\$18,999.42	\$33,667.83	\$9,041.85	\$24,625.98	\$11,607.54	10,552	3,069	5,789	1,556	4,233	1,694	59.48%	59.73%	58.54%	58.48%	58.5
	Cleaners	\$18,406.97	\$4,426.23	\$11,694.32	\$3,268.60	\$8,425.73	\$2,286.42	3,319	821	2,162	594	1,568	336	46.39%	44.85%	45.03%	45.97%	44.6
	Fenders	\$46,619.58	\$8,945.86	\$30,530.22	\$8,792.00	\$21,738.22	\$7,143.50	2,121	407	1,389	400	989	325	62.60%	62.60%	62.60%	62.60%	62.6
	Helmets	\$484,048.53	\$119,717.12	\$312,483.23	\$85,366.83	\$227,116.40	\$51,848.18	19,541	4,420	13,508	3,685	9,823	1,613	46.77%	51.32%	42.96%	42.98%	42.9
	Hydration Packs	\$105,826.42	\$27,876.80	\$63,740.80	\$18,527.03	\$45,213.76	\$14,208.82	2,761	756	1,701	496	1,205	304	46.34%	44.23%	45.12%	44.94%	45.1
	Locks	\$16,225.22	\$1,785.00	\$14,440.22	\$4,210.24	\$10,229.98	-	1,086	119	967	283	684	-	30.98%	31.25%	30.94%	30.68%	31.0
	Pumps	\$13,514.69	\$1,778.89	\$11,735.79	\$3,135.48	\$8,600.31	-	1,130	149	981	262	719	-	31.05%	30.93%	31.07%	31.10%	31.0
	Tires and Tubes	\$246,454.53	\$70,921.64	\$128,730.90	\$39,499.51	\$89,231.39	\$46,801.99	18,006	5,440	9,259	2,861	6,398	3,307	62.51%	62.50%	62.48%	62.49%	62.4
Bikes		\$94,620,526.21	\$17,154,361.22	\$67,290,294.25	\$13,457,682.99	\$53,832,611.26	\$10,175,870.74	90,220	15,140	69,052	14,414	54,638	6,028	11.11%	18.41%	5.82%	4.68%	6.1
	Mountain Bikes	\$36,445,443.94	\$5,506,552.01	\$27,966,136.93	\$5,338,237.22	\$22,627,899.72	\$2,972,755.00	28,321	4,126	22,765	4,596	18,169	1,430	16.28%	28.91%	10.87%	9.89%	11.1
	Road Bikes	\$43,878,791.00	\$7,146,798.45	\$31,724,512.12	\$6,649,827.43	\$25,074,684.68	\$5,007,480.44	47,148	6,321	38,222	8,198	30,024	2,605	9.95%	20.45%	3.15%	2.18%	3.4
	Touring Bikes	\$14,296,291.27	\$4,501,010.77	\$7,599,645.20	\$1,469,618.34	\$6,130,026.86	\$2,195,635.30	14,751	4,693	8,065	1,620	6,445	1,993	1.52%	2.32%	-1.60%	-2.96%	-1.2
Clothing		\$2,117,613.45	\$401,380.58	\$1,603,057.11	\$432,112.25	\$1,170,944.86	\$113,175.25	73,598	13,797	56,422	14,808	41,614	3,379	17.42%	14.18%	17.74%	17.80%	17.7

PivotTable –Subtotal First for Row and Column

Newly added Sub-Total First for Row and Column that displays the total values for the parent-child in a more concise manner. Also now works with a report with multiple pages.

× Display Totals

Subtotals Rows Subtotal first

Columns Subtotal first

▼ PivotTable1

Drop a Filter Condition Here

		Group ▼ Country ▼ Region ▼																						
Adventure Works		Europe														Pacific		Australia		Grand Total				
		France				Germany				United Kingdom				North America				Canada		United States				
Category ▼	Subcategory ▼	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount			
Accessories		\$327,977.23	\$111,438.51	\$97,315.66	\$119,223.07	\$781,442.50	\$221,505.20	\$559,937.30	\$46,296.64	\$51,001.72	\$163,069.77	\$45,749.33	\$253,819.85	\$162,638.16	\$162,638.16	\$1,272,057.89								
	Bike Racks	\$62,873.27	\$24,426.62	\$18,105.98	\$20,340.66	\$155,816.18	\$44,575.67	\$111,240.52	\$14,160.50	\$16,616.10	\$24,412.40	\$14,657.39	\$41,394.12	\$18,406.70	\$18,406.70	\$237,096.16								
	Bike Stands	\$10,653.00	\$3,021.00	\$3,180.00	\$4,452.00	\$18,603.00	\$5,088.00	\$13,515.00	-	-	\$5,724.00	-	\$7,791.00	\$10,335.00	\$10,335.00	\$39,591.00								
	Bottles and Cages	\$18,999.42	\$5,621.21	\$6,216.15	\$7,162.06	\$33,667.83	\$9,041.85	\$24,625.98	\$624.86	\$719.75	\$9,429.85	\$582.93	\$13,268.60	\$11,607.54	\$11,607.54	\$64,274.79								
	Cleaners	\$4,426.23	\$1,459.58	\$1,378.69	\$1,587.97	\$11,694.32	\$3,268.60	\$8,425.73	\$816.17	\$1,110.60	\$2,407.19	\$289.49	\$3,232.29	\$2,286.42	\$2,286.42	\$18,406.97								
	Fenders	\$8,945.86	\$2,241.96	\$3,538.78	\$3,165.12	\$30,530.22	\$8,792.00	\$21,738.22	\$21.98	\$21.98	\$9,187.64	\$65.94	\$12,440.68	\$7,143.50	\$7,143.50	\$46,619.58								
	Helmets	\$119,717.12	\$40,033.00	\$34,803.62	\$44,880.50	\$312,483.23	\$85,366.83	\$227,116.40	\$23,039.45	\$23,262.54	\$58,595.21	\$23,226.87	\$98,992.33	\$51,848.18	\$51,848.18	\$484,048.53								
	Hydration Packs	\$27,876.80	\$8,829.00	\$9,140.49	\$9,907.31	\$63,740.80	\$18,527.03	\$45,213.76	\$4,666.03	\$6,089.54	\$11,454.64	\$3,865.47	\$19,138.08	\$14,208.82	\$14,208.82	\$105,826.42								
	Locks	\$1,785.00	\$1,050.00	-	\$735.00	\$14,440.22	\$4,210.24	\$10,229.98	\$1,620.00	\$1,455.00	\$1,560.00	\$1,295.52	\$4,299.46	-	-	\$16,225.22								
	Pumps	\$1,778.89	\$1,071.25	-	\$707.65	\$11,735.79	\$3,135.48	\$8,600.31	\$1,163.42	\$1,487.26	\$1,359.10	\$947.53	\$3,643.01	-	-	\$13,514.69								
	Tires and Tubes	\$70,921.64	\$23,684.89	\$20,951.94	\$26,284.80	\$128,730.90	\$39,499.51	\$89,231.39	\$184.23	\$238.95	\$38,939.73	\$248.21	\$49,620.27	\$46,801.99	\$46,801.99	\$246,454.53								
Bikes		\$17,154,361.22	\$6,114,241.36	\$4,351,530.00	\$6,688,589.87	\$67,290,294.25	\$13,457,682.99	\$53,832,611.26	\$6,761,069.95	\$5,675,571.16	\$13,882,022.99	\$6,710,273.22	\$20,803,673.94	\$10,175,870.74	\$10,175,870.74	\$94,620,526.21								
	Mountain Bikes	\$5,506,552.01	\$1,911,750.69	\$1,197,672.61	\$2,397,128.71	\$27,966,136.93	\$5,338,237.22	\$22,627,899.72	\$2,889,550.49	\$1,573,564.55	\$7,211,753.84	\$3,332,081.89	\$7,620,948.95	\$2,972,755.00	\$2,972,755.00	\$36,445,443.94								
	Road Bikes	\$7,146,798.45	\$2,705,376.99	\$1,554,876.63	\$2,886,544.83	\$31,724,512.12	\$6,649,827.43	\$25,074,684.68	\$3,486,300.17	\$3,603,841.86	\$4,394,959.21	\$2,839,376.75	\$10,750,206.69	\$5,007,480.44	\$5,007,480.44	\$43,878,791.00								
	Touring Bikes	\$4,501,010.77	\$1,497,113.68	\$1,598,980.76	\$1,404,916.33	\$7,599,645.20	\$1,469,618.34	\$6,130,026.86	\$385,219.29	\$498,164.76	\$2,275,309.94	\$538,814.58	\$2,432,518.29	\$2,195,635.30	\$2,195,635.30	\$14,296,291.27								
Clothing		\$401,380.58	\$155,127.44	\$95,184.83	\$151,068.31	\$1,603,057.11	\$432,112.25	\$1,170,944.86	\$154,237.59	\$161,203.63	\$256,254.57	\$164,334.45	\$434,914.62	\$113,175.75	\$113,175.75	\$2,117,613.45								
	Bib-Shorts	\$19,582.69	\$10,758.95	-	\$8,823.74	\$147,157.02	\$40,831.61	\$106,325.41	\$14,092.43	\$17,408.78	\$15,195.03	\$15,732.12	\$43,897.04	-	-	\$166,739.71								
	Caps	\$12,682.44	\$3,933.44	\$3,919.97	\$4,829.04	\$33,718.25	\$9,326.74	\$24,391.51	\$3,015.19	\$2,680.25	\$5,652.34	\$2,774.55	\$10,269.18	\$4,828.75	\$4,828.75	\$51,229.45								
	Gloves	\$41,637.63	\$16,056.75	\$7,695.76	\$17,885.13	\$191,386.49	\$49,854.27	\$141,532.21	\$17,186.31	\$21,092.70	\$32,182.88	\$22,636.60	\$48,433.72	\$9,771.75	\$9,771.75	\$242,795.87								
	Jerseys	\$171,102.36	\$58,961.17	\$52,075.14	\$60,066.06	\$520,304.05	\$141,471.54	\$378,832.51	\$50,284.11	\$53,135.79	\$79,352.41	\$49,163.64	\$146,896.55	\$60,852.98	\$60,852.98	\$575,259.39								
	Shorts	\$62,889.75	\$29,163.44	\$7,657.37	\$26,068.94	\$334,983.02	\$90,245.12	\$244,737.89	\$31,442.57	\$22,543.72	\$74,268.37	\$34,750.69	\$81,732.54	\$15,649.76	\$15,649.76	\$413,522.53								
	Socks	\$3,048.06	\$848.66	\$786.18	\$1,413.23	\$25,690.19	\$4,546.95	\$21,143.24	\$3,464.16	\$2,159.49	\$4,562.47	\$3,316.93	\$7,640.20	\$1,006.88	\$1,006.88	\$29,745.13								
	Tights	\$21,737.65	\$11,791.67	-	\$9,945.98	\$180,095.35	\$47,733.92	\$132,361.44	\$18,689.68	\$21,029.30	\$20,805.09	\$18,893.35	\$52,944.02	-	-	\$201,833.01								
	Vests	\$68,700.00	\$23,613.38	\$23,050.42	\$22,036.20	\$169,722.75	\$48,102.10	\$121,620.66	\$16,063.15	\$21,153.59	\$24,235.98	\$17,066.58	\$43,101.36	\$21,065.62	\$21,065.62	\$259,488.37								

PivotTable –Grand Total First for Row and Column

Newly added Grand Total First display option allows users to focus on the results first before they dive into the details. Enabling this option displays the Grand Total on top of every page.



▼ PivotTable1

Drop a Filter Condition Here

		Group ▼ Country ▼ Region ▼														
Adventure Works		Grand Total	Europe	France	Germany	United Kingdom	North America	Canada	United States	Central	Northeast	Northwest	Southeast	Southwest	Pacific	Australia
Category ▼	Subcategory ▼	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount	Sales Amount
Grand Total		\$109,809,274.20	\$19,800,577.06	\$7,251,555.65	\$4,878,300.38	\$7,670,721.04	\$79,353,361.18	\$16,355,770.46	\$62,997,590.72	\$7,909,009.01	\$6,939,374.48	\$16,084,942.55	\$7,879,655.07	\$24,184,609.60	\$10,655,335.96	\$10,655,335.96
Accessories		\$1,272,057.89	\$327,977.23	\$111,438.51	\$97,315.66	\$119,223.07	\$781,442.50	\$221,505.20	\$559,937.30	\$46,296.64	\$51,001.72	\$163,069.77	\$45,749.33	\$253,819.85	\$162,638.16	\$162,638.16
	Bike Racks	\$237,096.16	\$62,873.27	\$24,426.62	\$18,105.98	\$20,340.66	\$155,816.18	\$44,575.67	\$111,240.52	\$14,160.50	\$16,616.10	\$24,412.40	\$14,657.39	\$41,394.12	\$18,406.70	\$18,406.70
	Bike Stands	\$39,591.00	\$10,653.00	\$3,021.00	\$3,180.00	\$4,452.00	\$18,603.00	\$5,088.00	\$13,515.00	-	-	\$5,724.00	-	\$7,791.00	\$10,335.00	\$10,335.00
	Bottles and Cages	\$64,274.79	\$18,999.42	\$5,621.21	\$6,216.15	\$7,162.06	\$33,667.83	\$9,041.85	\$24,625.98	\$624.86	\$719.75	\$9,429.85	\$582.93	\$13,268.60	\$11,607.54	\$11,607.54
	Cleaners	\$18,406.97	\$4,426.23	\$1,459.58	\$1,378.69	\$1,587.97	\$11,694.32	\$3,268.60	\$8,425.73	\$816.17	\$1,110.60	\$2,407.19	\$859.49	\$3,232.29	\$2,286.42	\$2,286.42
	Fenders	\$46,619.58	\$8,945.86	\$2,241.96	\$3,538.78	\$3,165.12	\$30,530.22	\$8,792.00	\$21,738.22	\$21.98	\$21.98	\$9,187.64	\$65.94	\$12,440.68	\$7,143.50	\$7,143.50
	Helmets	\$484,048.53	\$119,717.12	\$40,033.00	\$34,803.62	\$44,880.50	\$312,483.23	\$85,366.83	\$227,116.40	\$23,039.45	\$23,262.54	\$58,595.21	\$23,226.87	\$98,992.33	\$51,848.18	\$51,848.18
	Hydration Packs	\$105,826.42	\$27,876.80	\$8,829.00	\$9,140.49	\$9,907.31	\$63,740.80	\$18,527.03	\$45,213.76	\$4,666.03	\$6,089.54	\$11,454.64	\$3,865.47	\$19,138.08	\$14,208.82	\$14,208.82
	Locks	\$16,225.22	\$1,785.00	\$1,050.00	-	\$735.00	\$14,440.22	\$4,210.24	\$10,229.98	\$1,620.00	\$1,455.00	\$1,560.00	\$1,295.52	\$4,299.46	-	-
	Pumps	\$13,514.69	\$1,778.89	\$1,071.25	-	\$707.65	\$11,735.79	\$3,135.48	\$8,600.31	\$1,163.42	\$1,487.26	\$1,359.10	\$947.53	\$3,643.01	-	-
	Tires and Tubes	\$246,454.53	\$70,921.64	\$23,684.89	\$20,951.94	\$26,284.80	\$128,730.90	\$39,499.51	\$89,231.39	\$184.23	\$238.95	\$38,939.73	\$248.21	\$49,620.27	\$46,801.99	\$46,801.99
Bikes		\$94,620,526.21	\$17,154,361.22	\$6,114,241.36	\$4,351,530.00	\$6,688,589.87	\$67,290,294.25	\$13,457,682.99	\$53,832,611.26	\$6,761,069.95	\$5,675,571.16	\$13,882,022.99	\$6,710,273.22	\$20,803,673.94	\$10,175,870.74	\$10,175,870.74
	Mountain Bikes	\$36,445,443.94	\$5,506,552.01	\$1,911,750.69	\$1,197,672.61	\$2,397,128.71	\$27,966,136.93	\$5,338,237.22	\$22,627,899.72	\$2,889,550.49	\$1,573,564.55	\$7,211,753.84	\$3,332,081.89	\$7,620,948.95	\$2,972,755.00	\$2,972,755.00
	Road Bikes	\$43,878,791.00	\$7,146,798.45	\$2,705,376.99	\$1,554,876.63	\$2,886,544.83	\$31,724,512.12	\$6,649,827.43	\$25,074,684.68	\$3,486,300.17	\$3,603,841.86	\$4,394,959.21	\$2,839,376.75	\$10,750,206.69	\$5,007,480.44	\$5,007,480.44
	Touring Bikes	\$14,296,291.27	\$4,501,017.77	\$1,497,113.68	\$1,598,980.76	\$1,404,916.33	\$7,599,645.20	\$1,469,618.34	\$6,130,026.86	\$385,219.29	\$498,164.76	\$2,275,309.94	\$538,814.58	\$2,432,518.29	\$2,195,635.30	\$2,195,635.30
Clothing		\$2,117,613.45	\$401,380.58	\$155,127.44	\$95,184.83	\$151,068.31	\$1,603,057.11	\$432,112.25	\$1,170,944.86	\$154,237.59	\$161,203.63	\$256,254.57	\$164,334.45	\$434,914.62	\$113,175.75	\$113,175.75
	Bib-Shorts	\$166,739.71	\$19,582.69	\$10,758.95	-	\$8,823.74	\$147,157.02	\$40,831.61	\$106,325.41	\$14,092.43	\$17,408.78	\$15,195.03	\$15,732.12	\$43,897.04	-	-
	Caps	\$51,229.45	\$12,682.44	\$3,933.44	\$3,919.97	\$4,829.04	\$33,718.25	\$9,326.74	\$24,391.51	\$3,015.19	\$2,680.25	\$5,652.34	\$2,774.55	\$10,269.18	\$4,828.75	\$4,828.75
	Gloves	\$242,795.87	\$41,637.63	\$16,056.75	\$7,695.76	\$17,885.13	\$191,386.49	\$49,854.27	\$141,532.21	\$17,186.31	\$21,092.70	\$32,182.88	\$22,636.60	\$48,433.72	\$9,771.75	\$9,771.75
	Jerseys	\$752,259.39	\$171,102.36	\$58,961.17	\$52,075.14	\$60,066.06	\$520,304.05	\$141,471.54	\$378,832.51	\$50,284.11	\$53,135.79	\$79,352.41	\$49,163.64	\$146,896.55	\$60,852.98	\$60,852.98
	Shorts	\$413,522.53	\$62,889.75	\$29,163.44	\$7,657.37	\$26,068.94	\$334,983.02	\$90,245.12	\$244,737.89	\$31,442.57	\$22,543.72	\$74,268.37	\$34,750.69	\$81,732.54	\$15,649.76	\$15,649.76
	Socks	\$29,745.13	\$3,048.06	\$848.66	\$786.18	\$1,413.23	\$25,690.19	\$4,546.95	\$21,143.24	\$3,464.16	\$2,159.49	\$4,562.47	\$3,316.93	\$7,640.20	\$1,006.88	\$1,006.88
	Tights	\$201,833.01	\$21,737.65	\$11,791.67	-	\$9,945.98	\$180,095.35	\$47,733.92	\$132,361.44	\$18,689.68	\$21,029.30	\$20,805.09	\$18,893.35	\$52,944.02	-	-
	Vests	\$259,488.37	\$68,700.00	\$23,613.38	\$23,050.42	\$22,036.20	\$169,722.75	\$48,102.10	\$121,620.66	\$16,063.15	\$21,153.59	\$24,235.98	\$17,066.58	\$43,101.36	\$21,065.62	\$21,065.62

PivotTable – Show Hidden Columns Option

Previously, if a PivotTable has hidden columns, a user has to run Unhide All Columns to adjust to the hidden columns. The new Show Hidden Columns function will display the hidden columns in a lighter color to allow the user to unhide a single column instead of having to unhide all columns first before adjusting.

Design

Field Drop Zone

First Step

Prior Step (hidecolumn)

Next Step

Step List...

Back to Top Level

Export...

Send Message...

Rows Per Page

Columns Per Page

Show Hidden Columns

Unhide All Columns

PivotTable1
Drop a Filter Condition Here

		Group Country			Germany			United Kingdom			Europe Subtotal			North America			United States			
Category	Subcategory	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin	
Accessories	Bike Racks	\$24,426.62	343	36.98%	\$18,105.98	246	39.02%	\$20,340.66	268	40.87%	\$62,873.27	857	38.83%	\$44,575.67	40.52	1,492	39.81%			
	Bike Stands	\$3,021.00	19	62.60%	\$3,180.00	20	62.60%	\$4,452.00	28	62.60%	\$10,653.00	67	62.60%	\$5,088.00	15.00	8.23	62.60%			
	Bottles and Cages	\$5,621.21	911	59.51%	\$6,216.15	1,040	58.91%	\$7,162.06	1,118	60.60%	\$18,999.42	3,069	59.73%	\$9,041.85	25.98	4.23	58.57%			
	Cleaners	\$1,459.58	281	42.76%	\$1,378.69	249	46.30%	\$1,587.97	291	45.51%	\$4,426.23	821	44.85%	\$3,268.60	25.73	1.56	44.67%			
	Fenders	\$2,241.96	102	62.60%	\$3,538.78	161	62.60%	\$3,165.12	144	62.60%	\$8,945.86	407	62.60%	\$8,792.00	38.22	9.89	62.60%			
	Helmets	\$40,033.00	1,521	49.71%	\$34,803.62	1,237	53.49%	\$44,880.50	1,662	51.08%	\$119,717.12	4,420	51.32%	\$85,366.83	16.40	9.823	42.95%			
	Hydration Packs	\$8,829.00	236	45.03%	\$9,140.49	259	41.72%	\$9,907.31	261	45.82%	\$27,876.80	756	44.23%	\$18,527.03	3.76	1.205	45.19%			
	Locks	\$1,050.00	70	31.25%	-	-	-	\$735.00	49	31.25%	\$1,785.00	119	31.25%	\$4,210.24	39.98	6.84	31.05%			
	Pumps	\$1,071.25	90	30.72%	-	-	-	\$707.65	59	31.25%	\$1,778.89	149	30.93%	\$3,135.48	262	31.10%	\$8,600.31	719	31.06%	
	Tires and Tubes	\$23,684.89	1,817	62.49%	\$20,951.94	1,597	62.49%	\$26,284.80	2,026	62.53%	\$70,921.64	5,440	62.50%	\$39,499.51	2.861	62.49%	\$89,231.39	6,398	62.47%	
	Accessories Subtotal	\$111,438.51	5,390	49.92%	\$97,315.66	4,809	52.50%	\$119,223.07	5,906	52.42%	\$327,977.23	16,105	51.59%	\$221,505.20	10,763	47.57%	\$559,937.30	27,196	47.17%	
Bikes	Mountain Bikes	\$1,911,750.69	1,464	25.90%	\$1,197,672.61	736	39.21%	\$2,397,128.71	1,926	26.18%	\$5,506,552.01	4,126	28.91%	\$5,338,237.22	4.596	9.89%	\$22,627,899.72	18,169	11.10%	
	Road Bikes	\$2,705,376.99	2,659	15.23%	\$1,554,876.63	1,035	33.06%	\$2,886,544.83	2,627	18.55%	\$7,146,798.45	6,321	20.45%	\$6,649,827.43	8,198	2.18%	\$25,074,684.68	30,024	3.40%	
	Touring Bikes	\$1,497,113.68	1,615	-0.99%	\$1,598,980.76	1,691	1.33%	\$1,404,916.33	1,387	6.34%	\$4,501,010.77	4,693	2.32%	\$1,469,618.34	1,620	-2.96%	\$6,330,026.86	6,445	-1.27%	
	Bikes Subtotal	\$6,114,241.36	5,738	14.74%	\$4,351,530.00	3,462	23.09%	\$6,688,589.87	5,940	18.72%	\$17,154,361.22	15,140	18.41%	\$13,457,682.99	14,414	4.68%	\$53,822,611.26	54,638	6.11%	
Clothing	Bib-Shorts	\$10,758.95	201	30.65%	-	-	-	\$8,823.74	164	31.01%	\$19,582.69	365	30.81%	\$40,831.61	764	30.54%	\$106,325.41	1,982	30.80%	
	Caps	\$3,933.44	587	2.12%	\$3,919.97	555	1.99%	\$4,829.04	688	1.41%	\$12,682.44	1,830	3.33%	\$9,326.74	1,639	-7.49%	\$24,391.51	4,224	-6.03%	
	Gloves	\$1,056.75	89	37.29%	\$7,695.76	467	44.42%	\$17,885.13	965	36.62%	\$41,637.63	2,323	38.32%	\$49,854.27	2,666	34.21%	\$141,532.21	7,539	31.65%	
	Jerseys	\$58,961.17	1,740	-13.01%	\$52,075.14	1,505	-15.82%	\$60,066.06	1,725	-11.03%	\$171,102.36	4,970	-13.17%	\$141,471.54	4,458	-14.88%	\$378,832.51	11,851	-13.75%	
	Shorts	\$29,163.44	700	37.98%	\$7,657.37	182	37.78%	\$26,068.94	633	37.03%	\$62,889.75	1,515	37.57%	\$90,245.12	2,160	38.25%	\$244,737.89	6,020	36.46%	
	Socks	\$848.66	136	46.12%	\$786.18	125	46.54%	\$1,413.23	220	47.66%	\$3,048.06	481	46.94%	\$4,546.95	790	41.45%	\$21,143.24	3,834	38.87%	
	Tights	\$11,791.67	270	29.17%	-	-	-	\$9,945.98	223	30.64%	\$21,737.65	493	29.84%	\$47,733.92	1,073	30.47%	\$132,361.44	2,996	29.98%	
	Vests	\$23,613.38	628	36.84%	\$23,050.42	618	36.33%	\$22,036.20	574	38.14%	\$68,700.00	1,820	37.08%	\$48,102.10	1,259	37.84%	\$121,620.66	3,168	38.14%	
	Clothing Subtotal	\$155,127.44	5,153	16.31%	\$95,184.83	3,452	7.24%	\$151,068.31	5,192	16.35%	\$401,380.58	13,797	14.18%	\$432,112.25	14,808	17.80%	\$1,710,944.86	41,614	17.72%	
Components	Bottom Brackets	\$4,559.81	82	26.00%	\$2,591.73	45	26.00%	\$4,203.44	76	26.00%	\$11,354.98	203	26.00%	\$8,050.52	146	26.00%	\$28,023.03	495	26.00%	
	Brakes	\$7,624.25	120	25.58%	\$2,939.40	46	26.00%	\$5,687.10	89	26.00%	\$16,250.75	255	25.80%	\$10,186.98	160	25.73%	\$34,021.68	533	25.92%	
	Chains	\$1,231.65	102	25.58%	\$522.19	43	26.00%	\$660.25	55	25.14%	\$2,414.09	200	25.55%	\$1,141.54	94	26.00%	\$4,972.00	410	25.89%	
	Cranksets	\$24,647.51	131	26.00%	\$10,999.46	56	26.00%	\$15,591.98	86	26.00%	\$51,238.96	273	26.00%	\$30,745.65	164	25.57%	\$105,118.64	582	25.89%	
	Derailleurs	\$8,605.68	144	25.58%	\$3,344.74	57	26.00%	\$5,390.01	90	26.00%	\$17,340.44	291	25.69%	\$11,200.84	188	25.52%	\$34,339.88	563	26.00%	
	Forks	\$4,678.81	40	26.00%	-	-	-	\$5,602.49	46	26.00%	\$10,281.30	86	26.00%	\$16,411.58	133	26.00%	\$51,238.81	415	25.85%	

Report Templates

Report Templates provide users with the ability to quickly create a variety of analysis reports through simple parameter settings, including proportion analysis, year-on-year quarter-on-quarter analysis, growth trend analysis, performance evaluation analysis, importance analysis, correlation analysis, and so on. The user can use a report template on an existing cube or Data Package or directly on a member or a cell.

Invoice Date	CID	Company Name	Street Address	City
1/13/2017 12:00:00 AM	CU059	C&M Information Computer Services	3352 E Foothill Blvd	Pasade
1/13/2017 12:00:00 AM	CU059	C&M Information Computer Services	3352 E Foothill Blvd	Pasade
1/13/2017 12:00:00 AM	CU059	C&M Information Computer Services	3352 E Foothill Blvd	Pasade

Report Templates

Search...

All Templates

- General
 - Blank
 - Basic
 - Treemap
 - Annual Growth 1
 - Annual Growth 2
 - Quarterly Growth
- Categorical Comparison
- Geography
- Dashboard
 - Quarterly Trend
 - Monthly Trend
 - Two-Year Monthly YTD Analysis
 - YTD
 - Yearly Budget Achievement Analysis
 - Quarterly Performance
- Category Analysis
- Importance Analysis
- Geography Analysis

Monthly Trend Analysis

This report provides a monthly trend analysis of

Sales Amount

related to

SubCategory

and the following time settings

Calendar Y-M-D Show last 2 years

Include last month

Create Back Cancel



PivotTable – Field Drop Zone

Added the Field Drop Zone function to the PivotTable, which provides users with convenient and quick creation and modification of the PivotTable structures as Row, Column, Slicer, and Measure.

- In addition to adding and deleting structures, you can also change the order of objects by dragging.
- Two modes of operation are supported - one is dynamically changing the content with each dragging (default) or wait till the end to press the Update to change (Defer).
- Each object has its menu; a Measure can set all functions in Field Drop Zone. The Slicer, Rows, and Columns can select the default Filter state in Field Drop Zone.
- Currently, it does not support dragging the Level and Dimension Node to Field Drop Zone.

PivotTable1

Filters: Date.Calendar Year, Sales Channel

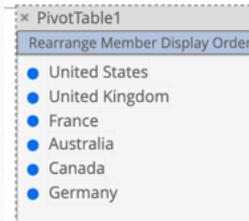
Columns: Sales Territory

Measures: Sales Amount, Order Quantity, Gross Profit Margin, Gross Profit, Freight Cost, Extended Amount

Category	Subcategory	Sales Amount	Order Quantity	Gross Profit Margin
Accessories	Bike Racks	\$62,873.22		
Accessories	Bike Stands	\$10,653.00		
Accessories	Bottles and Cages	\$18,999.42		
Accessories	Cleaners	\$4,426.21		
Accessories	Fenders	\$8,945.81		
Accessories	Helmets	\$119,717.11		
Accessories	Hydration Packs	\$27,876.81		
Accessories	Locks	\$1,785.00		
Accessories	Pumps	\$1,778.81		
Accessories	Tires and Tubes	\$70,921.62		
Accessories Subtotal		\$327,977.22		
Bikes	Mountain Bikes	\$5,506,552.01		
Bikes	Road Bikes	\$7,146,798.44		
Bikes	Touring Bikes	\$4,501,010.77	4,693	2.32%
Bikes Subtotal		\$17,154,361.22	15,140	18.41%
Clothing	Bib-Shorts	\$19,582.69	365	30.81%
Clothing	Caps	\$12,682.44	1,830	3.33%
Clothing	Gloves	\$41,637.63	2,323	38.32%
Clothing	Jerseys	\$171,102.36	4,970	-13.17%
Clothing	Shorts	\$62,889.75	1,515	37.57%
Clothing	Socks	\$3,048.06	481	46.94%
Clothing	Tights	\$21,737.65	493	29.84%
Clothing	Vests	\$68,700.00	1,820	37.08%
Clothing Subtotal		\$401,380.58	13,797	14.18%
Components	Bottom Brackets	\$11,354.98	203	26.00%
Components	Brakes	\$16,250.75	255	25.80%
Components	Chains	\$2,414.09	200	25.55%
Components	Cranksets	\$51,238.96	273	26.00%
Components	Derailleurs	\$17,340.44	291	25.69%
Components	Forks	\$10,281.30	86	26.00%
Components	Handlebars	\$25,700.47	612	25.94%
Components	Headsets	\$6,589.28	110	24.23%
Components	Mountain Frames	\$652,012.18	1,690	9.43%
Components	Pedals	\$26,013.05	692	26.00%
Components	Road Frames	\$496,618.07	1,339	2.75%
Components	Saddles	\$12,609.23	476	26.00%

PivotTable – Column Member Rearrange Display Order

Users can customize the order of column members in a drag-and-drop manner according to the interest of the data, free from the standard ascending and descending arrangement. For example, a user can arrange countries in order of interest instead of in alphabetical order.



PivotTable1

Drop a Filter Condition Here

Adventure Works		Sales Territory Country											
		United States		United Kingdom		France		Australia		Canada		Germany	
Category	Subcategory	Sales Amount	Order Quantity	Sales Amount	Order Quantity	Sales Amount	Order Quantity	Sales Amount	Order Quantity	Sales Amount	Order Quantity	Sales Amount	Order Quantity
Accessories		\$559,937.30	27,196	\$119,223.07	5,906	\$111,438.51	5,390	\$162,638.16	7,867	\$221,505.20	10,763	\$97,315.66	4,809
Bikes	Mountain Bikes	\$22,627,899.72	18,169	\$2,397,128.71	1,926	\$1,911,750.69	1,464	\$2,972,755.00	1,430	\$5,338,237.22	4,596	\$1,197,672.61	736
	Road Bikes	\$25,074,684.68	30,024	\$2,886,544.83	2,627	\$2,705,376.99	2,659	\$5,007,480.44	2,605	\$6,649,827.43	8,198	\$1,554,876.63	1,035
	Touring Bikes	\$6,130,026.86	6,445	\$1,404,916.33	1,387	\$1,497,113.68	1,615	\$2,195,635.30	1,993	\$1,469,618.34	1,620	\$1,598,980.76	1,691
Bikes Subtotal		\$53,832,611.26	54,638	\$6,688,589.87	5,940	\$6,114,241.36	5,738	\$10,175,870.74	6,028	\$13,457,682.99	14,414	\$4,351,530.00	3,462
Clothing	Bib-Shorts	\$106,325.41	1,982	\$8,823.74	164	\$10,758.95	201	-	-	\$40,831.61	764	-	-
	Caps	\$24,391.51	4,224	\$4,829.04	688	\$3,933.44	587	\$4,828.75	619	\$9,326.74	1,638	\$3,919.97	555
	Gloves	\$141,532.21	7,539	\$17,885.13	965	\$16,056.75	891	\$9,771.75	455	\$49,854.27	2,666	\$7,695.76	467
	Jerseys	\$378,832.51	11,851	\$60,066.06	1,725	\$58,961.17	1,740	\$60,852.98	1,432	\$141,471.54	4,458	\$52,075.14	1,505
	Shorts	\$244,737.89	6,020	\$26,068.94	633	\$29,163.44	700	\$15,649.76	270	\$90,245.12	2,160	\$7,657.37	182
	Socks	\$21,143.24	3,834	\$1,413.23	220	\$848.66	136	\$1,006.88	112	\$4,546.95	790	\$786.18	125
	Tights	\$132,361.44	2,996	\$9,945.98	223	\$11,791.67	270	-	-	\$47,733.92	1,073	-	-
	Vests	\$121,620.66	3,168	\$22,036.20	574	\$23,613.38	628	\$21,065.62	491	\$48,102.10	1,259	\$23,050.42	618
Clothing Subtotal		\$1,170,944.86	41,614	\$151,068.31	5,192	\$155,127.44	5,153	\$113,175.75	3,379	\$432,112.25	14,808	\$95,184.83	3,452
Components	Bottom Brackets	\$28,023.03	495	\$4,203.44	76	\$4,559.81	82	\$4,397.84	77	\$8,050.52	146	\$2,591.73	45
	Brakes	\$34,021.68	533	\$5,687.10	89	\$7,624.25	120	\$5,559.30	87	\$10,186.98	160	\$2,939.40	46
	Chains	\$4,972.00	410	\$660.25	55	\$1,231.65	102	\$850.08	70	\$1,141.54	94	\$522.19	43
	Cranksets	\$105,118.64	582	\$15,591.98	86	\$24,647.51	131	\$16,839.37	88	\$30,745.65	164	\$10,999.46	56
	Derailleurs	\$34,339.88	563	\$5,390.01	90	\$8,605.68	144	\$7,328.33	124	\$11,200.84	188	\$3,344.74	57

PivotTable – Column Axis Sorting

PivotTable Column now supports ascending or descending sorting according to Member Name. Previously, the members display in ascending order as the oldest year will be at the start of the table. With the new option, apply descending displays the most recent year at the beginning of the table so the user can more easily understand the current status of the data.

-  Expand Members
-  Collapse Members
-  Sort Ascending
-  Sort Descending
-  Clear Sorting Rule

▼ PivotTable1

Drop a Filter Condition Here

		Calendar Year ▼ Calendar Quarter ▼						CY 2008 Subtotal		CY 2007		CY 2007 Subtotal								
		Q3 CY 2008		Q2 CY 2008		Q1 CY 2008				Q4 CY 2007		Q3 CY 2007		Q2 CY 2007		Q1 CY 2007				
Category ▼	Subcategory ▼	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	▼ Sales Amount	▼ Order Quantity	
Adventure Works																				
Accessories	Bike Racks	\$2,400.00	20	\$62,693.40	821	\$37,134.29	467	\$102,227.69	1,308	\$60,436.90	810	\$74,431.57	1,048	-	-	-	-	\$134,868.47	1,858	
	Bike Stands	\$1,749.00	11	\$10,653.00	67	\$8,268.00	52	\$20,670.00	130	\$11,925.00	75	\$6,996.00	44	-	-	-	-	\$18,921.00	119	
	Bottles and Cages	\$1,767.38	262	\$18,641.96	2,994	\$16,103.85	2,469	\$36,513.19	5,725	\$15,951.74	2,631	\$11,809.87	2,196	-	-	-	-	\$27,761.60	4,827	
	Cleaners	\$349.80	44	\$4,922.33	876	\$3,356.91	555	\$8,629.03	1,475	\$4,700.36	848	\$5,077.57	996	-	-	-	-	\$9,777.94	1,844	
	Fenders	\$2,351.86	107	\$13,275.92	604	\$11,583.46	527	\$27,211.24	1,238	\$11,759.30	535	\$7,649.04	348	-	-	-	-	\$19,408.34	883	
	Helmets	\$9,412.31	269	\$101,495.02	3,583	\$72,597.25	2,398	\$183,504.58	6,250	\$89,325.72	3,227	\$79,709.95	3,372	\$25,336.49	1,281	\$11,655.04	578	\$206,027.20	8,458	
	Hydration Packs	\$1,484.73	27	\$28,141.15	727	\$17,896.63	411	\$47,522.51	1,165	\$26,930.73	714	\$31,373.18	882	-	-	-	-	\$58,303.91	1,596	
	Locks	-	-	-	-	-	-	-	-	-	-	-	-	\$3,935.52	263	\$2,205.00	147	\$6,140.52	410	
	Pumps	-	-	-	-	-	-	-	-	-	-	-	-	\$3,382.31	282	\$1,763.12	147	\$5,145.43	429	
	Tires and Tubes	\$14,229.56	1,033	\$66,817.33	4,904	\$61,519.46	4,332	\$142,566.34	10,269	\$61,948.17	4,566	\$41,940.02	3,171	-	-	-	-	\$103,888.18	7,737	
	Accessories Subtotal	\$33,744.64	1,773	\$306,640.10	14,576	\$228,459.84	11,211	\$568,844.58	27,560	\$282,977.91	13,406	\$258,987.20	12,057	\$32,654.32	1,826	\$15,623.16	872	\$590,242.59	28,161	
Bikes	Mountain Bikes	-	-	\$4,246,170.24	3,608	\$3,470,767.56	2,875	\$7,716,937.80	6,483	\$3,807,251.85	3,444	\$3,611,906.39	3,521	\$2,908,232.52	2,436	\$2,516,510.74	2,147	\$12,843,901.51	11,548	
	Road Bikes	-	-	\$3,990,347.88	4,181	\$3,378,556.68	3,495	\$7,368,904.57	7,676	\$3,724,037.68	3,917	\$3,825,024.35	4,085	\$4,114,351.66	5,222	\$3,582,996.90	4,491	\$15,246,410.58	17,715	
	Touring Bikes	-	-	\$4,062,733.29	3,797	\$3,412,992.38	3,197	\$7,475,725.67	6,994	\$3,754,315.28	3,693	\$3,066,250.32	4,064	-	-	-	-	\$6,820,565.60	7,757	
	Bikes Subtotal	-	-	\$12,299,251.42	11,586	\$10,262,316.62	9,567	\$22,561,568.03	21,153	\$11,285,604.81	11,054	\$10,503,181.06	11,670	\$7,022,584.18	7,658	\$6,099,507.65	6,638	\$34,910,877.69	37,020	
Clothing	Bib-Shorts	-	-	-	-	-	-	-	-	-	-	-	-	\$43,333.39	809	\$21,543.61	399	\$64,876.99	1,208	
	Caps	\$854.05	95	\$9,231.04	1,310	\$7,312.76	971	\$17,397.86	2,376	\$8,482.37	1,246	\$8,569.37	1,400	\$2,924.48	572	\$1,780.88	344	\$21,757.10	3,562	
	Gloves	\$1,640.83	67	\$21,865.42	1,201	\$14,108.81	730	\$37,615.05	1,998	\$23,283.22	1,364	\$26,630.42	1,689	\$41,090.02	2,137	\$25,381.10	1,243	\$116,384.76	6,433	
	Jerseys	\$7,884.47	153	\$143,382.68	3,985	\$102,117.70	2,713	\$253,384.85	6,851	\$139,979.59	3,995	\$170,942.83	5,278	\$31,260.57	1,091	\$18,192.20	632	\$360,375.19	10,996	

PivotTable – Base Column option for Advanced Filter Value Filter

When using the Value Filter in the Advanced Filter, previously, the calculation could only act on the Grand Total, but now the option of using a Base member has been added by targeting a specific Column member. For example, the following filter identifies members of Subcategories in North America whose Gross Profit Margin is less than 10%.

x Advanced Filter

Dimension Product Categories

Level Apply settings when level changed

Filter Type None Label Filter Value Filter Date Filter

Based on member

OK

Clear Filters

Cancel

▼ PivotTable1

Drop a Filter Condition Here

Adventure Works		Group ▼					North America					
		Europe										
Category ▼	Subcategory ▼	▼ Sales Amount	▼ Order Quantity	▼ Gross Profit Margin	▼ Gross Profit	▼ Standard Product Cost	▼ Sales Amount	▼ Order Quantity	▼ Gross Profit Margin	▼ Gross Profit	▼ Standard Product Cost	▼ An
<input type="checkbox"/> Bikes	<input type="checkbox"/> Road Bikes	\$7,146,798.45	6,321	20.45%	\$1,461,440.60	\$3,597,774.77	\$31,724,512.12	38,222	3.15%	\$998,384.16	\$12,613,982.47	\$5
	<input type="checkbox"/> Touring Bikes	\$4,501,010.77	4,693	2.32%	\$104,480.57	\$1,816,091.05	\$7,599,645.20	8,065	-1.60%	(\$121,433.41)	\$3,361,377.84	\$2
Bikes Subtotal		\$11,647,809.22	11,014	13.44%	\$1,565,921.18	\$5,413,865.82	\$39,324,157.31	46,287	2.23%	\$876,950.75	\$15,975,360.31	\$7
<input type="checkbox"/> Clothing	<input type="checkbox"/> Caps	\$12,682.44	1,830	3.33%	\$422.55	\$6,839.36	\$33,718.25	5,862	-6.43%	(\$2,169.60)	\$12,307.28	
	<input type="checkbox"/> Jerseys	\$171,102.36	4,970	-13.17%	(\$22,530.36)	\$64,693.56	\$520,304.05	16,309	-14.06%	(\$73,141.47)	\$170,960.54	
Clothing Subtotal		\$183,784.81	6,800	-12.03%	(\$22,107.81)	\$71,532.92	\$554,022.30	22,171	-13.59%	(\$75,311.06)	\$183,267.82	
<input type="checkbox"/> Components	<input type="checkbox"/> Road Frames	\$496,618.07	1,339	2.75%	\$13,646.31	\$196,255.19	\$3,352,878.37	10,407	3.73%	\$125,228.91	\$1,327,876.61	
	<input type="checkbox"/> Touring Frames	\$520,015.08	1,204	-0.29%	(\$1,528.98)	\$162,144.04	\$996,279.47	2,239	-0.38%	(\$3,790.16)	\$382,222.51	:
Components Subtotal		\$1,016,633.15	2,543	1.19%	\$12,117.34	\$358,399.24	\$4,349,157.84	12,646	2.79%	\$121,438.75	\$1,710,099.13	:
Grand Total		\$12,848,227.18	20,357	12.11%	\$1,555,930.70	\$5,843,797.98	\$44,227,337.45	81,104	2.09%	\$923,078.43	\$17,868,727.26	\$7

PivotTable – Dimension to support Exclude Member

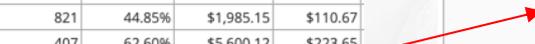
Supports multiple selections directly on the Row and Column Members of the PivotTable and runs the Exclude Members function to filter out the selected members.

PivotTable1
 ▼ Calendar Year (None) ▼ Sales Channel (None)

Adventure Works		Group				
		Europe				
Category	Subcategory	Sales Amount	Order Quantity	Gross Profit Margin	Gross Profit	Freight Cost
Accessories	Bike Racks	\$62,873.27	857	38.83%	\$24,411.11	\$1,571.83
	Bike Stands	\$10,653.00	67	62.60%	\$6,668.78	\$266.33
	Bottles and Cages	\$18,999.42	3,069	59.73%	\$11,347.89	\$475.11
	Cleaners	\$4,426.23	821	44.85%	\$1,985.15	\$110.67
	Fenders	\$8,945.86	407	62.60%	\$5,600.12	\$223.65
	Helmets	Discover Children	20	51.32%	\$61,438.55	\$2,993.04
	Hydration	Discover Others...	36	44.23%	\$12,328.68	\$696.93
	Locks		9	31.25%	\$557.81	\$44.63
	Pumps		39	30.93%	\$550.26	\$44.47
	Tires		10	62.50%	\$44,328.24	\$1,773.28
Accessories Subtotal			35	51.59%	\$169,216.58	\$8,199.93
Bikes	Mountain Bikes	\$5,506,552.01	4,126	28.91%	\$1,592,143.56	\$137,663.89
	Road Bikes	\$7,146,798.45	6,321	20.45%	\$1,461,440.60	\$178,670.10
	Touring Bikes	\$4,501,010.77	4,693	2.32%	\$104,480.57	\$112,525.33
Bikes Subtotal			10	18.41%	\$3,158,064.74	\$428,859.32
Clothing	Bib-Shorts	\$19,582.69	365	30.81%	\$6,033.56	\$489.57
	Caps	\$12,682.44	1,830	3.33%	\$422.55	\$317.11
	Gloves	\$41,637.63	2,323	38.32%	\$15,955.94	\$1,040.96
	Jerseys	\$171,102.36	4,970	-13.17%	(\$22,530.36)	\$4,277.62
	Shorts	\$62,889.75	1,515	37.57%	\$23,624.58	\$1,572.26
	Socks	\$3,048.06	481	46.94%	\$1,430.79	\$76.21
	Tights	\$21,737.65	493	29.84%	\$6,487.49	\$543.44
	Vests	\$68,700.00	1,820	37.08%	\$25,476.82	\$1,717.50

PivotTable1
 ▼ Calendar Year (None) ▼ Sales Channel (None)

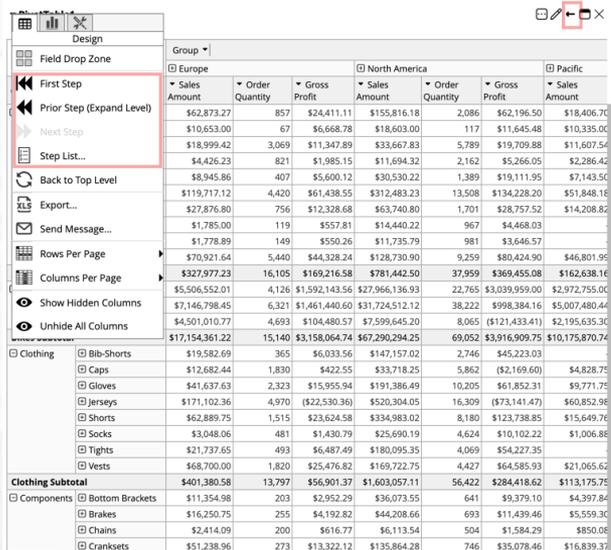
Adventure Works		Group				
		Europe				
Category	Subcategory	Sales Amount	Order Quantity	Gross Profit Margin	Gross Profit	Freight Cost
Accessories	Bike Racks	\$62,873.27	857	38.83%	\$24,411.11	\$1,571.83
	Bike Stands	\$10,653.00	67	62.60%	\$6,668.78	\$266.33
	Bottles and Cages	\$18,999.42	3,069	59.73%	\$11,347.89	\$475.11
	Locks	\$1,785.00	119	31.25%	\$557.81	\$44.63
	Pumps	\$1,778.89	149	30.93%	\$550.26	\$44.47
	Tires and Tubes	\$70,921.64	5,440	62.50%	\$44,328.24	\$1,773.28
Accessories Subtotal		\$167,011.22	9,701	52.61%	\$87,864.08	\$4,175.65
Bikes	Mountain Bikes	\$5,506,552.01	4,126	28.91%	\$1,592,143.56	\$137,663.89
	Road Bikes	\$7,146,798.45	6,321	20.45%	\$1,461,440.60	\$178,670.10
	Touring Bikes	\$4,501,010.77	4,693	2.32%	\$104,480.57	\$112,525.33
Bikes Subtotal		\$17,154,361.22	15,140	18.41%	\$3,158,064.74	\$428,859.32
Clothing	Bib-Shorts	\$19,582.69	365	30.81%	\$6,033.56	\$489.57
	Caps	\$12,682.44	1,830	3.33%	\$422.55	\$317.11
	Gloves	\$41,637.63	2,323	38.32%	\$15,955.94	\$1,040.96
	Jerseys	\$171,102.36	4,970	-13.17%	(\$22,530.36)	\$4,277.62
	Shorts	\$62,889.75	1,515	37.57%	\$23,624.58	\$1,572.26
	Socks	\$3,048.06	481	46.94%	\$1,430.79	\$76.21
	Tights	\$21,737.65	493	29.84%	\$6,487.49	\$543.44
	Vests	\$68,700.00	1,820	37.08%	\$25,476.82	\$1,717.50



PivotTable – New App Key to control the record threshold to disable the Step List

To prevent recording reports with excessive data volume which might affect system performance, Analyzer switches off the Step List whenever the number of rows, columns, or the slicer filter members exceeds 100. The Undo function is disabled after that. Now, the administrator can adjust this value with the new "StepListDisableOn" appSettings key. Set the value to -1 to permanently enable the Step List.

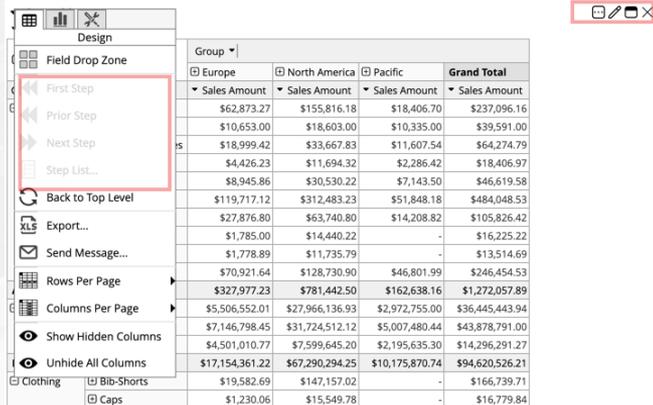
<add key="StepListDisableOn" value="100"/>



The screenshot shows a PivotTable with a 'Step List' on the left side. The Step List includes: First Step, Prior Step (Expand Level), Next Step, Step List..., Back to Top Level, Export..., Send Message..., Rows Per Page, Columns Per Page, Show Hidden Columns, and Unhide All Columns. The PivotTable data is categorized by Region (Europe, North America, Pacific) and Product (Clothing, Components).

Region	Sales Amount	Order Quantity	Gross Profit	Sales Amount	Order Quantity	Gross Profit	Sales Amount
Europe	\$62,873.27	857	\$24,411.11	\$155,816.18	2,086	\$62,196.50	\$18,406.70
North America	\$10,653.00	67	\$6,668.78	\$18,603.00	117	\$11,645.48	\$10,335.00
Pacific	\$18,999.42	3,069	\$11,347.89	\$33,667.83	5,789	\$19,709.88	\$11,607.54
Grand Total	\$4,426.23	821	\$1,985.15	\$11,694.32	2,162	\$5,266.05	\$2,286.42

Disabled Step List

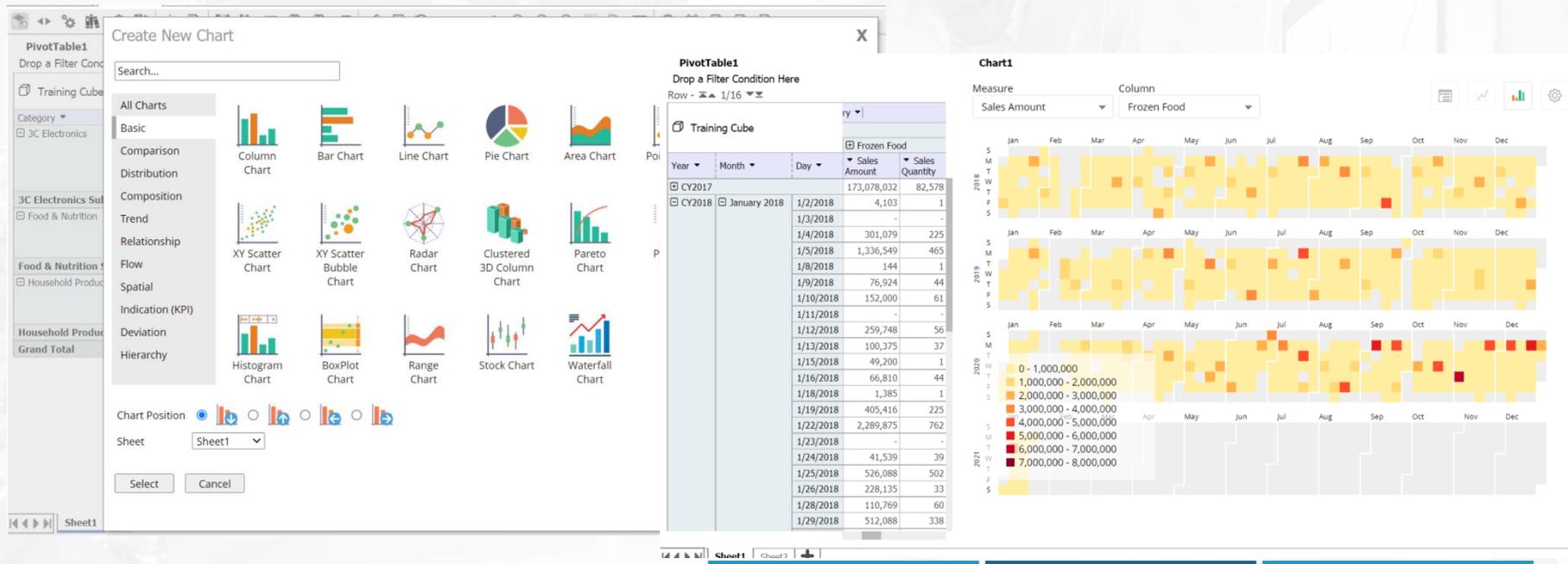


The screenshot shows the same PivotTable as above, but the Step List is disabled. The Step List area is empty, and the 'Back to Top Level' button is disabled (greyed out). The PivotTable data remains the same.

Region	Sales Amount	Order Quantity	Gross Profit	Sales Amount	Order Quantity	Gross Profit	Sales Amount
Europe	\$62,873.27	857	\$24,411.11	\$155,816.18	2,086	\$62,196.50	\$18,406.70
North America	\$10,653.00	67	\$6,668.78	\$18,603.00	117	\$11,645.48	\$10,335.00
Pacific	\$18,999.42	3,069	\$11,347.89	\$33,667.83	5,789	\$19,709.88	\$11,607.54
Grand Total	\$4,426.23	821	\$1,985.15	\$11,694.32	2,162	\$5,266.05	\$2,286.42

PivotTable- PivotChart Supports Universal Charts

This version adds the creation of a **linked** Universal Chart directly from PivotTable data. The user can switch to other types of Universal Charts from the panel on the left. The below example shows a calendar chart.



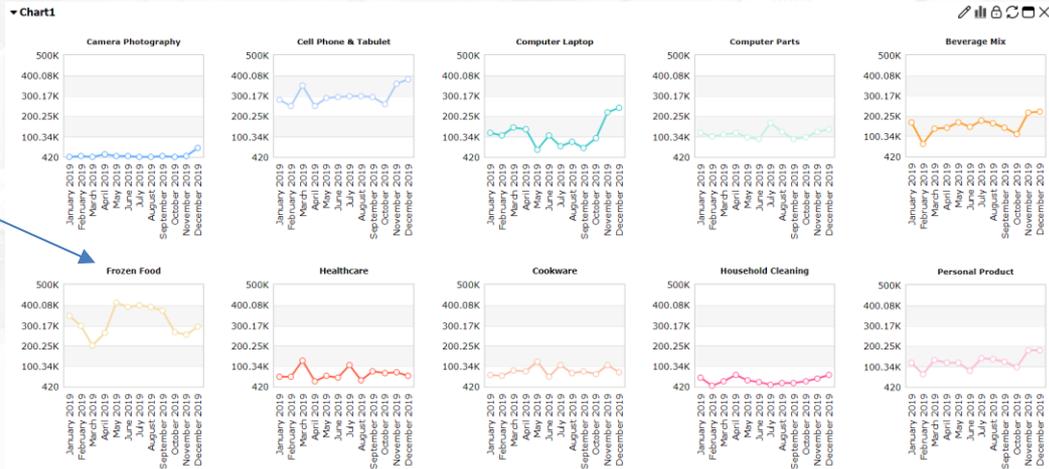
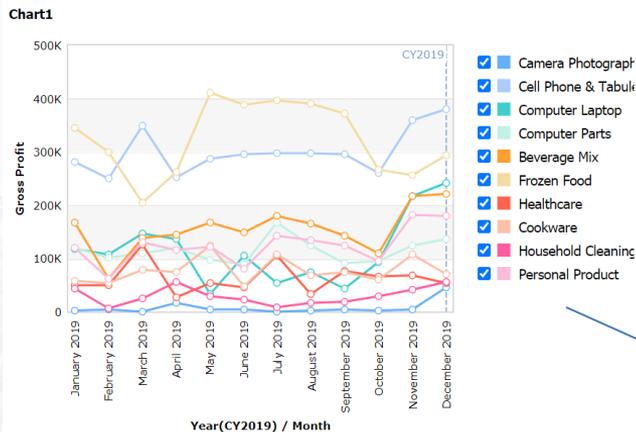
The screenshot displays the software interface with three main components:

- Create New Chart Panel:** A sidebar on the left titled "Create New Chart" with a search bar and a grid of 18 chart types including Column, Bar, Line, Pie, Area, XY Scatter, Radar, Clusters, Pareto, Histogram, BoxPlot, Range, and Stock charts.
- PivotTable1:** A central table showing sales data for "Frozen Food" from January 2018 to January 2019. The table has columns for Year, Month, Day, Sales Amount, and Sales Quantity.
- Calendar1:** A calendar chart on the right showing sales amounts for "Frozen Food" from January 2018 to January 2019. The chart uses a color scale to represent sales volume, with a legend indicating ranges from 0 to 8,000,000.

Year	Month	Day	Sales Amount	Sales Quantity
CY2017			173,078,032	82,578
CY2018	January	1/2/2018	4,103	1
		1/3/2018	-	-
		1/4/2018	301,079	225
		1/5/2018	1,336,549	465
		1/8/2018	144	1
		1/9/2018	76,924	44
		1/10/2018	152,000	61
		1/11/2018	-	-
		1/12/2018	259,748	56
		1/13/2018	100,375	37
		1/15/2018	49,200	1
		1/16/2018	66,810	44
		1/18/2018	1,385	1
		1/19/2018	405,416	225
		1/22/2018	2,289,875	762
		1/23/2018	-	-
1/24/2018	41,539	39		
1/25/2018	526,088	502		
1/26/2018	228,135	33		
1/28/2018	110,769	60		
1/29/2018	512,088	338		

PivotChart – Multiple Chart

The Detail Settings of a PivotChart now have Multiple Chart options. You can choose to present different Data Series as individual Charts. For example, the multiple charts replace the traditional chart with all the data series on a single chart. Use the Unified Scales to compare the charts with the same scale.



Multiple chart settings

Series Draw all series in one chart Draw each series in separate charts

Arrangement Horizontal Vertical Horizontal Grid | Auto Vertical Grid | Auto

Unified Scales Display Axis Caption Display X Labels

OK Cancel

PivotChart – Measure Settings to support Categorize by Measure

The Measure Settings of a PivotChart adds support for 'Categorize By Measure'. You can use multiple measures as a Series to draw a Chart, and the original Column member will automatically become an option. This function significantly increases the analysis angle of all PivotCharts and provides a lot of conveniences.

Chart Settings

- Detail Settings...
- Pie Chart Settings...
- Measure Settings...**
- Custom Attributes...
- Rotate Axes
- Legend

Chart1
Accessories (Multiple)

Measure

Chart Ty

Displ

Seco

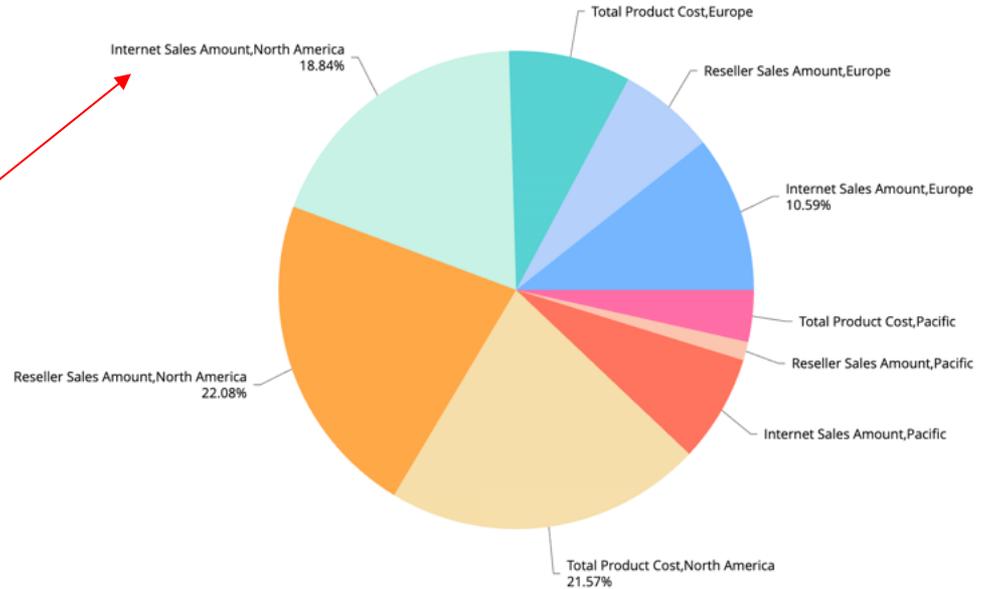
- Sales Amount
- Internet Sales Amount
- Internet Total Product Cost
- Reseller Sales Amount
- Reseller Total Product Cost
- Total Product Cost

Categorize by measure

Group by measure

Group by series

OK Cancel



PivotChart – Apply Colors on Single Series (Without Column or Only One Member)

A pivot chart without a column (or column has only one member) can now display chart members in different colors (previously only one color).

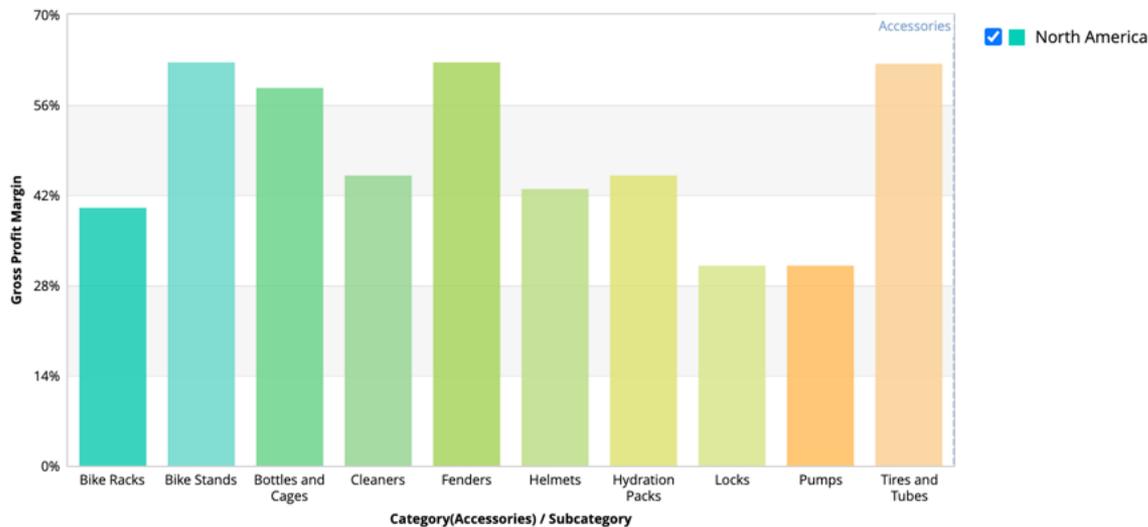
Chart Settings

- Detail Settings...
- Apply on Single Series
- Axes Settings...
- Measure Settings...
- Custom Attributes...
- Rotate Axes
- Legend
- Palette
- Freeze/Release
- 3D/2D Switch
- Clear Custom Colors
- Show Strip Lines
- Define Filter Relationship...

- Pastel
- Excel
- PowerPlay
- Dark
- Neon
- Professional
- Rainbow
- Latte
- Contemporary
- Powder

Chart2

Gross Profit Margin



PivotChart – New Waterfall Chart

The PivotChart now supports Waterfall Chart, and it provides the following features:

1. Use color to represent the positive and negative values, and both are customizable.
2. Deductive values such as cost and expense can be toggled as negative values to facilitate the calculation of Totals.
3. The user can append a Total to any member. Total can be calculated from the start or reset from the previous Total.
4. It has the option to add a Grand Total at the end.

Use positive/negative colors
 Positive Color 🤡
 Negative Color 🤡
 Show total at end
 Total Label



PivotTable1
Drop a Filter Condition Here

Adventure Works		Calendar Year ▼ CY 2008					
Category ▼	Subcategory ▼	Internet Sales Amount	Internet Total Product Cost	Internet Freight Cost	Reseller Sales Amount	Reseller Total Product Cost	Reseller Freight Cost
Clothing	Caps	\$11,731.95	\$9,033.60	\$293.36	\$5,665.91	\$7,413.78	\$141.65
	Gloves	\$20,792.01	\$7,776.25	\$519.84	\$16,823.04	\$10,524.04	\$420.58
	Jerseys	\$102,580.22	\$78,986.77	\$2,564.60	\$150,804.63	\$196,597.38	\$3,770.14
	Shorts	\$40,874.16	\$15,286.96	\$1,021.88	\$113,639.82	\$74,550.10	\$2,841.01
	Socks	\$2,876.80	\$1,075.94	\$71.94	\$7,271.66	\$4,653.42	\$181.80
	Vests	\$22,669.50	\$8,478.39	\$566.74	\$91,808.09	\$59,135.01	\$2,295.20
Clothing Subtotal		\$201,524.64	\$120,637.90	\$5,038.37	\$386,013.16	\$352,873.73	\$9,650.38
Grand Total		\$9,770,899.74	\$5,721,205.24	\$244,273.95	\$16,038,062.60	\$16,051,351.12	\$400,951.86

Pivot Chart - Multiple secondary Y-axis support for Pivot Chart

Removed the restriction that only a single Measure can be displayed on the second Y-axis. Now each measure can be individually configured to use the secondary Y-axis, increasing the analytic chart's flexibility.

X

- Gross Profit Margin
- Sales Amount
- Total Product Cost

Measure Sales Amount

Chart Type (Default) ▼

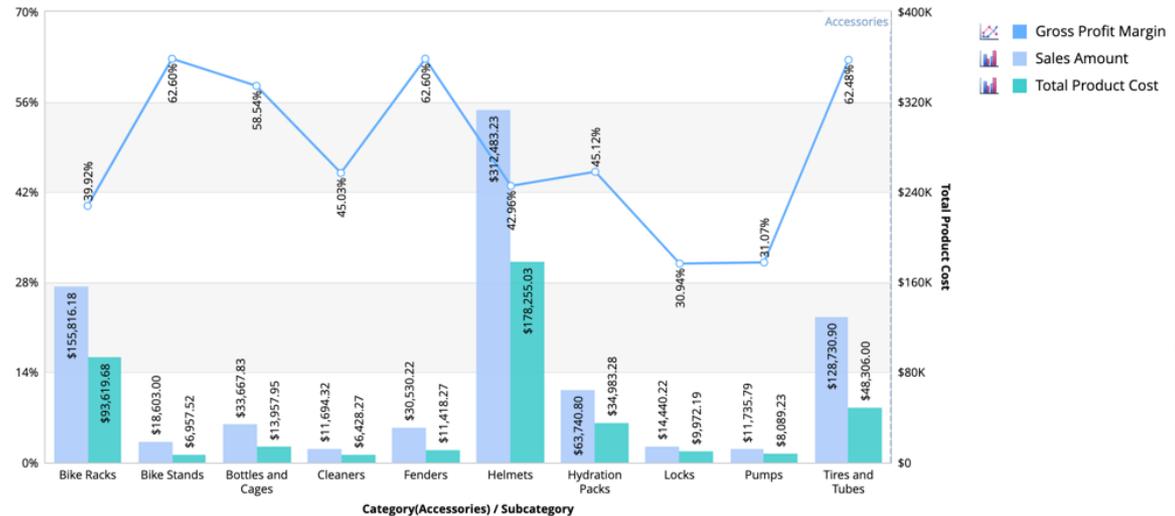
- Display Number
- Secondary Y Axis

- Categorize by measure
- Group by measure
- Group by series

OK Cancel

Chart1

(Multiple)



PivotChart-Row and Column add Subtotal and Grand Total Data Series

Added the ability to add sub-total and grand-total row and column data series in Pivot Charts, providing more flexibility. The user can select both options at the same time. The previous version did not offer the data series for the grand total, and the sub-total does not work after the hierarchy expands.

PivotTable1
Drop a Filter Condition Here

Sales Analysis	Region			
	NorthEast	SouthEast	WEST	Grand Total
Category	Gross Profit	Gross Profit	Gross Profit	Gross Profit
3C Electronics	\$1,678,584	\$2,145,928	\$2,205,479	\$6,029,991
Food & Nutrition	\$2,952,703	\$1,533,111	\$2,069,892	\$6,555,706
Household Products	\$751,073	\$768,791	\$1,285,186	\$2,805,050
Grand Total	\$5,382,360	\$4,447,830	\$5,560,557	\$15,390,747

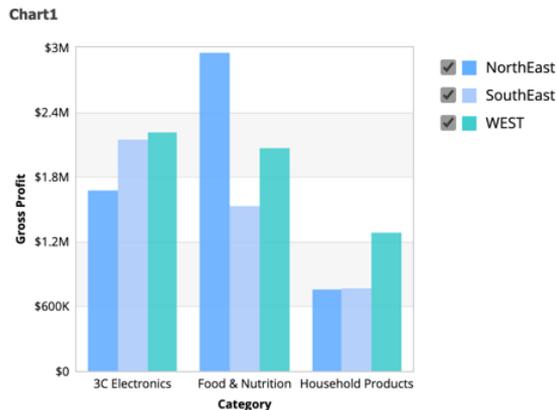


Chart2

Always display caption in Presentation View

Description

Show 3D Control Bar

Always plot chart with all data points

Scroll threshold on scrollable charts: 20 members

Disable scroll when exporting Return to the first level when opened

Display numbers Enable Passive Slicer

Rows: Subtotals Grand Total

Columns: Subtotals Grand Total

Multiple chart settings

Series: Draw all series in one chart Draw each series in separate charts

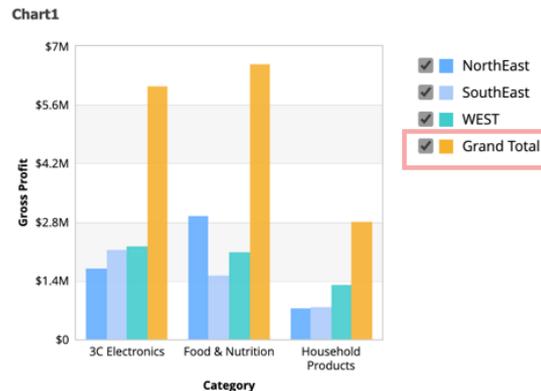
Arrangement: Horizontal Vertical Horizontal Grid Vertical Grid

Unified Scales Display Axis Caption Display X Labels

OK Cancel

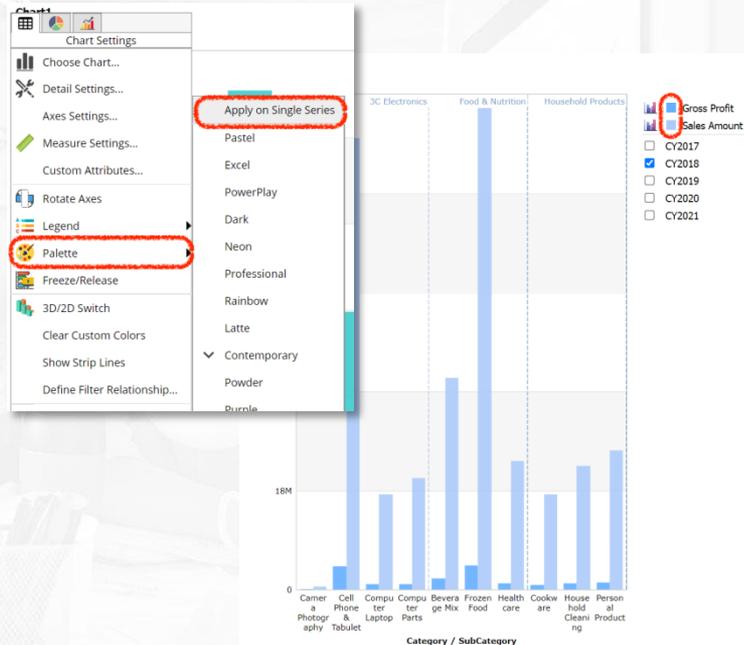
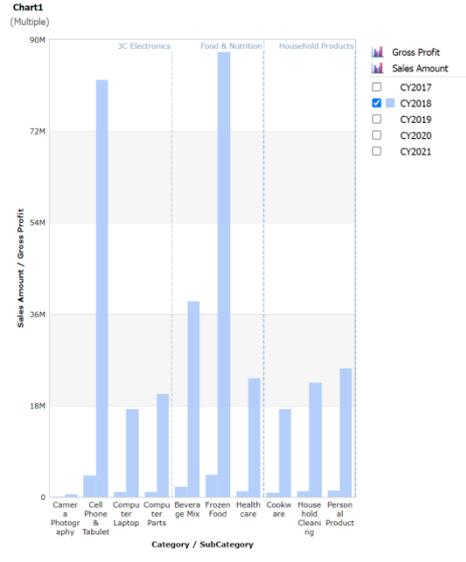
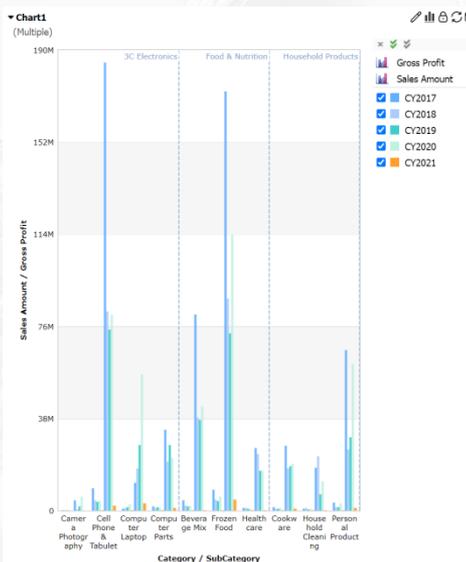
PivotTable1
Drop a Filter Condition Here

Sales Analysis	Region			
	NorthEast	SouthEast	WEST	Grand Total
Category	Gross Profit	Gross Profit	Gross Profit	Gross Profit
3C Electronics	\$1,678,584	\$2,145,928	\$2,205,479	\$6,029,991
Food & Nutrition	\$2,952,703	\$1,533,111	\$2,069,892	\$6,555,706
Household Products	\$751,073	\$768,791	\$1,285,186	\$2,805,050
Grand Total	\$5,382,360	\$4,447,830	\$5,560,557	\$15,390,747



PivotChart - With multiple measures, single-select a member on the legend can draw them in separate colors

A PivotChart with multiple measures and legend members, the color separates the legend members. However, to make the different measures stand out while a single series is selected, the user can now use "Apply on Single Series" from the Palette menu to draw them in different colors.



PivotChart - Supports Chart sorting according to its own value when there is only one Column or no Column

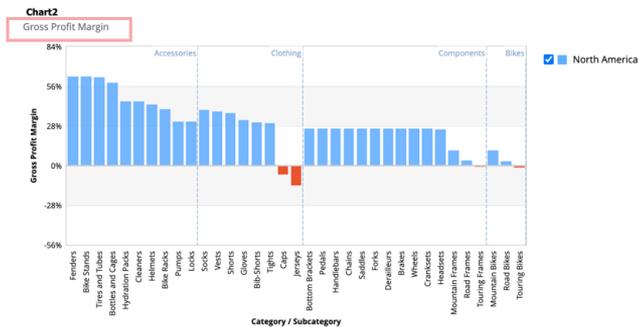
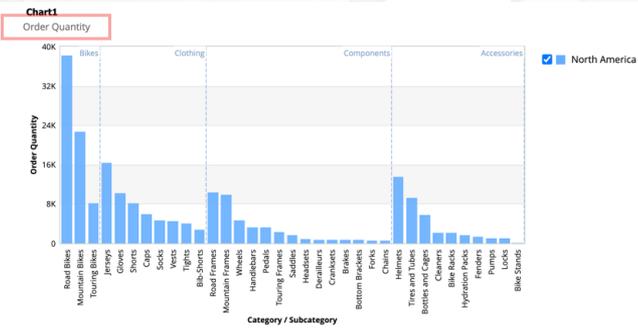
The PivotChart now supports sorting according to its measure value when a PivotTable has only one column or no columns. In the following example, the PivotTable sorts by Sales Amount. The chart on the upper right sorts by Order Quantity. The chart on the lower-right sorts by Gross Profit Margin, which increases the flexibility of analysis.

Chart Settings

- Detail Settings...
- Axes Settings...
- Measure Settings...
- Custom Attributes...
- Rotate Axes
- Legend
- Palette
- Freeze/Release
- 3D/2D Switch
- Clear Custom Colors
- Show Strip Lines
- Define Filter Relationship...
- Sort**
 - Ascending
 - Descending
 - None
- Go to Source
- Change Color Theme...
- Move or Copy...
- Export...

PivotTable1
Drop a Filter Condition Here

Category	Subcategory	Sales Amount	Order Quantity	Gross Profit Margin	Sales Total	Order Quantity	Gross Profit Margin
Accessories	Cleaners	\$11,694.32	2,162	45.03%	\$11,694.32	2,162	45.03%
Accessories	Pumps	\$11,735.79	981	31.07%	\$11,735.79	981	31.07%
Accessories	Locks	\$14,440.22	967	30.94%	\$14,440.22	967	30.94%
Accessories	Bike Stands	\$18,603.00	117	62.60%	\$18,603.00	117	62.60%
Accessories	Fenders	\$30,530.22	1,389	62.60%	\$30,530.22	1,389	62.60%
Accessories	Bottles and Cages	\$33,667.83	5,789	58.54%	\$33,667.83	5,789	58.54%
Accessories	Hydration Packs	\$63,740.80	1,701	45.12%	\$63,740.80	1,701	45.12%
Accessories	Tires and Tubes	\$128,730.90	9,259	62.48%	\$128,730.90	9,259	62.48%
Accessories	Bike Racks	\$155,816.18	2,086	39.92%	\$155,816.18	2,086	39.92%
Accessories	Helmets	\$312,483.23	13,508	42.96%	\$312,483.23	13,508	42.96%
Accessories Subtotal		\$781,442.50	37,959	47.28%	\$781,442.50	37,959	47.28%
Clothing	Socks	\$25,690.19	4,624	39.32%	\$25,690.19	4,624	39.32%
Clothing	Caps	\$33,718.25	5,862	-6.43%	\$33,718.25	5,862	-6.43%
Clothing	Bib-Shorts	\$147,157.02	2,746	30.73%	\$147,157.02	2,746	30.73%
Clothing	Vests	\$169,722.75	4,427	38.05%	\$169,722.75	4,427	38.05%
Clothing	Tights	\$180,095.35	4,069	30.11%	\$180,095.35	4,069	30.11%
Clothing	Gloves	\$191,386.49	10,205	32.32%	\$191,386.49	10,205	32.32%
Clothing	Shorts	\$334,983.02	8,180	36.94%	\$334,983.02	8,180	36.94%
Clothing	Jerseys	\$520,304.05	16,309	-14.06%	\$520,304.05	16,309	-14.06%
Clothing Subtotal		\$1,603,057.11	56,422	17.24%	\$1,603,057.11	56,422	17.24%
Components	Chains	\$6,113.54	504	25.91%	\$6,113.54	504	25.91%
Components	Bottom Brackets	\$36,073.55	641	26.00%	\$36,073.55	641	26.00%
Components	Saddles	\$40,943.54	1,586	25.90%	\$40,943.54	1,586	25.90%
Components	Brakes	\$44,208.66	693	25.88%	\$44,208.66	693	25.88%
Components	Derailleurs	\$45,540.72	751	25.88%	\$45,540.72	751	25.88%
Components	Headsets	\$54,352.92	899	25.48%	\$54,352.92	899	25.48%
Components	Forks	\$67,650.39	548	25.89%	\$67,650.39	548	25.89%
Components	Pedals	\$119,768.48	3,200	25.92%	\$119,768.48	3,200	25.92%
Components	Cranksets	\$135,864.28	746	25.82%	\$135,864.28	746	25.82%
Components	Handlebars	\$142,079.89	3,273	25.92%	\$142,079.89	3,273	25.92%
Components	Wheels	\$610,649.93	4,726	25.83%	\$610,649.93	4,726	25.83%
Components	Touring Frames	\$996,279.47	2,239	-0.38%	\$996,279.47	2,239	-0.38%
Components	Road Frames	\$3,352,878.37	10,407	3.73%	\$3,352,878.37	10,407	3.73%
Components	Mountain Frames	\$4,026,163.58	9,827	10.51%	\$4,026,163.58	9,827	10.51%
Components Subtotal		\$9,678,567.33	40,040	9.11%	\$9,678,567.33	40,040	9.11%
Bikes	Touring Bikes	\$7,599,645.20	8,065	-1.60%	\$7,599,645.20	8,065	-1.60%
Bikes	Mountain Bikes	\$27,966,136.93	22,765	10.87%	\$27,966,136.93	22,765	10.87%
Bikes	Road Bikes	\$31,724,512.12	38,222	3.15%	\$31,724,512.12	38,222	3.15%



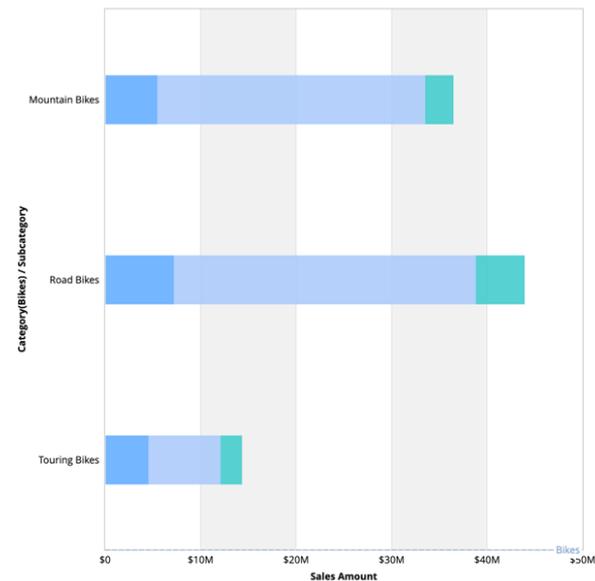
PivotTable – Support "measure on row" mode to draw analysis graphs

In the past, PivotTables could only draw Pivot Charts when the measures were on the column. Starting from this version, PivotTables now also support drawing Pivot Charts when the measures are on the row.

PivotTable1
 ▼ Calendar Year (None) ▼ Sales Channel (None)

Adventure Works		Group ▼				
Category ▼	Subcategory ▼	Measures ↕	Europe	North America	Pacific	Grand Total
↳ Bikes		▼ Sales Amount	\$5,506,552.01	\$27,966,136.93	\$2,972,755.00	\$36,445,443.94
		▼ Order Quantity	4,126	22,765	1,430	28,321
		▼ Gross Profit Margin	28.91%	10.87%	43.76%	16.28%
	↳ Mountain Bikes	▼ Gross Profit	\$1,592,143.56	\$3,039,959.00	\$1,300,813.58	\$5,932,916.14
		▼ Freight Cost	\$137,663.89	\$699,153.65	\$74,318.93	\$911,136.48
		▼ Extended Amount	\$5,513,262.82	\$28,136,097.84	\$2,972,935.80	\$36,622,296.45
		▼ Sales Amount	\$7,146,798.45	\$31,724,512.12	\$5,007,480.44	\$43,878,791.00
		▼ Order Quantity	6,321	38,222	2,605	47,148
		▼ Gross Profit Margin	20.45%	3.15%	38.04%	9.95%
	↳ Road Bikes	▼ Gross Profit	\$1,461,440.60	\$998,384.16	\$1,905,077.99	\$4,364,902.75
		▼ Freight Cost	\$178,670.10	\$793,113.16	\$125,187.13	\$1,096,970.39
		▼ Extended Amount	\$7,157,786.23	\$31,782,530.07	\$5,007,480.44	\$43,947,796.74
		▼ Sales Amount	\$4,501,010.77	\$7,599,645.20	\$2,195,635.30	\$14,296,291.27
		▼ Order Quantity	4,693	8,065	1,993	14,751
		▼ Gross Profit Margin	2.32%	-1.60%	10.67%	1.52%
		▼ Gross Profit	\$104,480.57	(\$121,433.41)	\$234,230.55	\$217,277.71
		▼ Freight Cost	\$112,525.33	\$189,991.23	\$54,890.93	\$357,407.49
		▼ Extended Amount	\$4,578,737.98	\$7,742,829.06	\$2,223,506.61	\$14,545,073.65
		▼ Sales Amount	\$17,154,361.22	\$67,290,294.25	\$10,175,870.74	\$94,620,526.21
		▼ Order Quantity	15,140	69,052	6,028	90,220
		▼ Gross Profit Margin	18.41%	5.82%	33.81%	11.11%
		▼ Gross Profit	\$3,158,064.74	\$3,916,909.75	\$3,440,122.12	\$10,515,096.61
		▼ Freight Cost	\$428,859.32	\$1,682,258.04	\$254,396.99	\$2,365,514.36
		▼ Extended Amount	\$17,249,787.03	\$67,661,456.97	\$10,203,922.84	\$95,115,166.84
		▼ Sales Amount	\$19,639,611.05	\$78,934,912.61	\$10,579,849.04	\$109,154,372.70
		▼ Order Quantity	46,606	184,713	15,715	247,034
		▼ Gross Profit Margin	17.52%	6.67%	33.39%	11.21%
		▼ Gross Profit	\$3,440,592.38	\$5,264,923.47	\$3,532,678.32	\$12,238,194.17
		▼ Freight Cost	\$490,991.13	\$1,973,374.63	\$264,496.77	\$2,728,862.53
		▼ Extended Amount	\$19,740,944.16	\$79,328,331.71	\$10,608,374.79	\$109,677,650.66
		▼ Sales Amount	\$19,639,611.05	\$78,934,912.61	\$10,579,849.04	\$109,154,372.70
		▼ Order Quantity	46,606	184,713	15,715	247,034
		▼ Gross Profit Margin	17.52%	6.67%	33.39%	11.21%
		▼ Gross Profit	\$3,440,592.38	\$5,264,923.47	\$3,532,678.32	\$12,238,194.17
		▼ Freight Cost	\$490,991.13	\$1,973,374.63	\$264,496.77	\$2,728,862.53
		▼ Extended Amount	\$19,740,944.16	\$79,328,331.71	\$10,608,374.79	\$109,677,650.66

Chart1
Sales Amount



Export - Export options add the option of whether to include filter information when exporting Excel or PDF files

Sometimes a table has too many filter conditions that occupy too much space in an exported report. Therefore, the newly added "Includes Filter Information" option lets the user decide whether to include such detailed information for the Excel or PDF export file.

The User Preferences and Report Properties also have this option added as a part of the default values. Each Subscription can also set this option individually.

x Export Options

Export Format

Data Range Current Page All

Cell Style Hierarchical Flat

Add Leading Space To Member

Includes Filter Information

Excel Options Excel 97 (*.xls) Excel 2007 (*.xlsx)

Cell Format Number Keep Current

Expand All Levels Row Column

Image Quality For Screen For Print

Export

Close

Includes Filter Information

	A	B	C	D	E	F	G	H	I
1	PivotTable1								
2	Date Calendar = CY 2007, CY 2008								
3	Color = Black								
4	Adventure Works								
5				Group/Country/Region					
6				Europe			Germany		
7				France					
8	Category	Subcategory	Product	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin
9	Accessories	Helmets	Sport-100 Helmet, Black	\$524.85	26	31.25%	-	-	-
10			Sport-100 Helmet, Black	\$10,631.97	304	52.74%	\$11,645.66	415	53.37%
11			Helmets Subtotal	\$11,156.82	410	51.72%	\$11,645.66	415	53.37%
12	Accessories Subtotal								
13	Bikes	Mountain Bikes	Mountain-200 Black, 38	\$65,980.96	49	17.88%	\$10,245.49	5	46.03%
14			Mountain-200 Black, 38	\$264,870.30	167	21.96%	\$136,322.41	69	36.63%
15			Mountain-200 Black, 42	\$74,996.99	49	27.75%	\$6,147.29	3	46.03%
16			Mountain-200 Black, 42	\$178,670.48	107	25.02%	\$114,290.50	57	37.56%
17			Mountain-200 Black, 46	\$25,818.64	17	27.19%	\$28,687.37	14	46.03%
18			Mountain-200 Black, 46	\$157,436.31	83	34.00%	\$139,535.39	66	40.78%
19			Mountain-200 Black, 38	\$11,015.90	17	7.69%	-	-	-

Not Includes Filter Information

	A	B	C	D	E	F	G	H	I
1	PivotTable1								
2	Adventure Works								
3				Group/Country/Region					
4				Europe			Germany		
5				France					
6	Category	Subcategory	Product	Sales Amount	Order Quantity	Gross Profit Margin	Sales Amount	Order Quantity	Gross Profit Margin
7	Accessories	Helmets	Sport-100 Helmet, Black	\$524.85	26	31.25%	-	-	-
8			Sport-100 Helmet, Black	\$10,631.97	304	52.74%	\$11,645.66	415	53.37%
9			Helmets Subtotal	\$11,156.82	410	51.72%	\$11,645.66	415	53.37%
10	Accessories Subtotal								
11	Bikes	Mountain Bikes	Mountain-200 Black, 38	\$65,980.96	49	17.88%	\$10,245.49	5	46.03%
12			Mountain-200 Black, 38	\$264,870.30	167	21.96%	\$136,322.41	69	36.63%
13			Mountain-200 Black, 42	\$74,996.99	49	27.75%	\$6,147.29	3	46.03%
14			Mountain-200 Black, 42	\$178,670.48	107	25.02%	\$114,290.50	57	37.56%
15			Mountain-200 Black, 46	\$25,818.64	17	27.19%	\$28,687.37	14	46.03%
16			Mountain-200 Black, 46	\$157,436.31	83	34.00%	\$139,535.39	66	40.78%

Export – Support “Flat” export option for the CSV file type

New "Flat" option for CSV export. The parent hierarchy member name is displayed for each of its child members.

▼ **PivotTable1**
Drop a Filter Condition Here

DataPackage 10		Calendar Year ▼					
		2017			2018		
Category ▼	SubCategory ▼	▼ Sales Amount	▼ Sales Quantity	▼ Sales Cost	▼ Sales Amount	▼ Sales Quantity	▼ Sales Cost
☐ 3C Electronics	Camera Photography	2,104,821	47	2,047,177	565,416	17	539,537
	Cell Phone & Tablet	92,360,517	2,755	87,740,743	82,077,409	2,503	77,861,418
	Computer Laptop	5,681,733	182	5,296,382	17,307,361	356	16,311,354
	Computer Parts	16,729,273	5,786	15,929,735	20,273,757	4,743	19,243,440
3C Electronics Subtotal		116,876,34					
☐ Food & Nutrition	Beverage Mix	40,532,63					
	Frozen Food	86,539,01					
	Healthcare	12,912,47					
Food & Nutrition Subtotal		139,984,12					
☐ Household Products	Cookware	13,447,30					
	Household Cleaning	8,857,25					
	Personal Product	33,147,22					
Household Products Subtotal		55,451,77					
Grand Total		312,312,24					

Export Options

Export Format

Delimiter Tab Semicolon Comma Space Other:

Text Qualifier None Single Quote Double Quote

Include Column Header

Include Column Hierarchy Include Row Hierarchy

Cell Style Hierarchical Flat

'Category'	'SubCategory'	'2017 Sales Amount'	'2017 Sales Quantity'	'2017 Sales Cost'
'3C Electronics'	'Camera Photography'	'2104821'	'47'	'2047177'
'3C Electronics'	'Cell Phone & Tablet'	'92360517'	'2755'	'87740743'
'3C Electronics'	'Computer Laptop'	'5681733'	'182'	'5296382'
'3C Electronics'	'Computer Parts'	'16729273'	'5786'	'15929735'
'3C Electronics'	'3C Electronics'	'116876344'	'8770'	'111014037'
'Food & Nutrition'	'Beverage Mix'	'40532632'	'746246'	'38432805'
'Food & Nutrition'	'Frozen Food'	'86539016'	'41289'	'82034453'
'Food & Nutrition'	'Healthcare'	'12912478'	'8151'	'12272657'
'Food & Nutrition'	'Food & Nutrition'	'139984126'	'795686'	'132739915'
'Household Products'	'Cookware'	'13447300'	'11834'	'12720041'
'Household Products'	'Household Cleaning'	'8857253'	'11735'	'8450316'
'Household Products'	'Personal Product'	'33147226'	'210159'	'31467408'
'Household Products'	'Household Products'	'55451779'	'233728'	'52637765'
	'Grand Total'	'312312249'	'1038184'	'296391717'

Export Report – Add Default CSV Export Option in User Preference

To set the default CSV export options that tailor to a user's needs.

Personal settings



Using the links below, you can read and manage pe

- ▶ My Messages
- ▶ My Subscriptions
- ▶ My KPI Watch List

- ▶ My Chart Templates
- ▶ Preferences

User Preferences

Export Option

CSV

- Delimiter Tab Semicolon Comma Space Other:
- Text Qualifier None Single Quote Double Quote
- Include Column Header
- Include Column Hierarchy Include Row Hierarchy
- Cell Style Hierarchical Flat

\$106,325.41	\$8,823.74	\$10,758.95	-	\$40,831.61	-	\$166,739.71	1,982	164
\$24,391.51	\$4,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
\$141,532.21	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00
\$378,832.51	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
\$244,737.89	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00
\$21,143.24	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
\$132,361.44	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00
\$121,620.66	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00
\$170,944.86	\$151,000.00	\$151,000.00	\$151,000.00	\$151,000.00	\$151,000.00	\$151,000.00	\$151,000.00	\$151,000.00
\$28,023.03	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
\$34,021.68	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
\$4,972.00	\$	\$	\$	\$	\$	\$	\$	\$
\$105,118.64	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
\$34,339.88	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
\$51,238.81	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
\$111,615.55	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00
\$40,156.22	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
\$1,135,830.59	\$283,000.00	\$283,000.00	\$283,000.00	\$283,000.00	\$283,000.00	\$283,000.00	\$283,000.00	\$283,000.00
\$91,526.48	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00

Export Options

Export Format

Delimiter Tab Semicolon Comma Space Other:

Text Qualifier None Single Quote Double Quote

Include Column Header

Include Column Hierarchy Include Row Hierarchy

Cell Style Hierarchical Flat

Group Table- Group Item can be expanded to any level

The Group Table now allows group items to be expanded to any level as long as there is no recursive loop (for example, a child of a group is also the parent item). In addition, the indentation space of group items provides three options: large, medium, and small.

Balance Sheet
Drop a Filter Condition Here

GL History Year: 2017 Quarter: |

GL Code	Q2 2017		Q3 2017		2017 Subtotal	
	Amount	%	Amount	%	Amount	%
Current asse	-46,383,386	-	-46,383,386	-	-46,383,386	-
Cash a	-6.5%	(2,536,512)	-5.5%	(2,536,512)	-5.5%	-5.5%
Accou	32.8%	14,545,026	31.4%	14,545,026	31.4%	31.4%
Invent	71.8%	33,260,389	71.7%	33,260,389	71.7%	71.7%
Prepai	1.9%	1,114,482	2.4%	1,114,482	2.4%	2.4%
Non curren	-	-16,331,758	-	-16,331,758	-	-
Proper	95.2%	15,553,126	95.2%	15,553,126	95.2%	95.2%
Other	4.8%	778,632	4.8%	778,632	4.8%	4.8%
Current lia	-	-30,758,772	-	-30,758,772	-	-
Accou	-	-6,787,396	-	-6,787,396	-	-
Accrue	-	-23,932,333	-	-23,932,333	-	-
Corpor	-	-39,043	-	-39,043	-	-
Non curren	-	-17,457	-	-17,457	-	-
Long t	-	0	-	0	-	-
Other	-	-17,457	-	-17,457	-	-
Check	-	-	-	-	-	-
*** T	-	-	-	-	-	-
*** T	-	-	-	-	-	-
*** E	-	-	-	-	-	-

Context menu options:

- Edit Groups...
- Switch Groups Display
- Save Analytical Pattern...
- Update Pattern Design...
- Sort Ascending
- Sort Descending
- Clear Sorting Rule
- Calculation Filter
- Expand Members
- Collapse Members
- Expand Groups
- Collapse Groups
- Move Dimension to Row
- Move Dimension to Column
- Move Dimension to Filter
- Move Left
- Move Right
- Set Member Property...
- Change Display Name...

Group Item Indent Size: Small Medium Large

Single Measure Mode: Single Measure Mode

Group by Measure

Delete members if no displayed leaf exists when exporting

Expand entire rows automatically

OK Cancel

Group Table - Member Property Display Enhancement

The Attribute of the Group Table (such as the account title code) may have a Member Property (such as the account title name) to increase readability. Previously the Group Table would always display the member property column regardless of the expanded level that showed an empty member property column. Now the Group Table only displays the member property at the lowest level.

Balance Sheet						
▼ Company (None)						
GL History	Year ▼ Quarter ▼					
	☐ 2019					2019 Subtotal
	☐ Q1 2019	☐ Q2 2019	☐ Q3 2019	☐ Q4 2019		
GL Code ▼	▼ Amount	▼ Amount	▼ Amount	▼ Amount	▼ Amount	
Current assets ▲	138.70M	143.05M	132.63M	139.34M	139.34M	
Cash and cash items ▶	53.29M	23.67M	19.54M	27.56M	27.56M	
Marketable securities ▶	9.92M	14.67M	16.74M	17.93M	17.93M	
Accounts and notes receivable ▶	29.07M	27.30M	31.55M	29.94M	29.94M	
Inventories ▶	33.35M	34.30M	35.49M	36.19M	36.19M	
Prepaid expense ▶	8.35M	38.21M	23.75M	22.74M	22.74M	
Other current assets ▶	4.71M	4.89M	5.56M	4.98M	4.98M	
Non current assets ▲	112.59M	124.45M	137.55M	134.45M	134.45M	
Long term investment ▶	69.21M	67.10M	63.78M	60.96M	60.96M	
Property, plant and equipment ▶	5.66M	6.85M	6.76M	6.53M	6.53M	
Intangible assets ▶	11.50M	23.56M	26.63M	25.79M	25.79M	
Restricted assets ▶	12.47M	12.55M	24.70M	25.44M	25.44M	
Other assets ▶	0.27M	0.28M	0.31M	0.35M	0.35M	
Deferred income tax	13.48M	14.11M	15.37M	15.37M	15.37M	
TOTAL ASSETS	251.29M	267.50M	270.18M	273.79M	273.79M	

Balance Sheet							
▼ Company (None)							
GL History	Year ▼ Quarter ▼						
	☐ 2019						2019 Subtotal
	☐ Q1 2019	☐ Q2 2019	☐ Q3 2019	☐ Q4 2019			
GL Code ▼	Department	ACCOUNT TYPE	▼ Amount	▼ Amount	▼ Amount	▼ Amount	
Current assets ▲			138.70M	143.05M	132.63M	139.34M	
Cash and cash items ▲			53.29M	23.67M	19.54M	27.56M	
11010-000	000	Assets	36,178,381.61	6,276,293.20	1,209,969.37	8,126,200.07	
11011-000	000	Assets	0.00	1,216,548.22	463,647.38	0.00	
11012-000	000	Assets	105,704.05	1,274,632.92	1,011,284.11	772,312.21	
11014-000	000	Assets	85,835.78	45,370.30	106,711.08	233,144.30	
11020-000	000	Assets	0.00	0.00	0.00	0.00	
11050-000	000	Assets	0.00	0.00	0.00	47,092.13	
11060-000	000	Assets	12,725.41	6,913.47	5,363.81	7,104.36	
11065-000	000	Assets	162,055.82	162,055.82	256,412.25	386,729.84	
11070-000	000	Assets	764.34	979.60	648.58	154.07	
11200-000	000	Assets	2,834,352.63	658,398.74	2,301,585.33	3,085,529.32	
11201-000	000	Assets	2,245,356.51	2,362,663.11	2,512,682.37	3,233,246.90	
11202-000	000	Assets	11,669,494.46	11,670,322.34	11,671,279.53	11,672,226.52	
11205-000	000	Assets	0.00	0.00	0.00	0.00	
11230-000	000	Assets	0.00	0.00	0.00	0.00	
Marketable securities ▶			9.92M	14.67M	16.74M	17.93M	
Accounts and notes receivable ▶			29.07M	27.30M	31.55M	29.94M	
Inventories ▶			33.35M	34.30M	35.49M	36.19M	
Prepaid expense ▶			8.35M	38.21M	23.75M	22.74M	
Other current assets ▶			4.71M	4.89M	5.56M	4.98M	

Group Table – New Aggregation for GroupItem

Added the option of specifying the Aggregate Function for the Group Item in the Group Table. In addition to the original Aggregate, users can also select different functions such as Sum, Count, Min, Max, DistinctCount, etc., which increases the practicality of GroupItem. Except for Calculation GroupItem, other types of GroupItems support this option.

Dimension: Product

Attribute:

Name:

Caption:

Format String: Solve Order:

Inheritable
 Expandable
 Calculable

Display As: Individual Members

Behavior: Group Item

Aggregation: Max DistinctCount

Label Filter
 Value Filter
 Date Filter

Filter Criterion

* Color equals Black
 * Subcategory equals Mountain Bikes

Filterable Members

- Mountain-100 Black, 38
- Mountain-100 Black, 42
- Mountain-100 Black, 44
- Mountain-100 Black, 48
- Mountain-200 Black, 38
- Mountain-200 Black, 38
- Mountain-200 Black, 42
- Mountain-200 Black, 42
- Mountain-200 Black, 46
- Mountain-200 Black, 46
- Mountain-300 Black, 38
- Mountain-300 Black, 40
- Mountain-300 Black, 44
- Mountain-300 Black, 48
- Mountain-500 Black, 40
- Mountain-500 Black, 42
- Mountain-500 Black, 44
- Mountain-500 Black, 48
- Mountain-500 Black, 52

[Select All](#) [Clear All](#)

GroupTable1

Drop a Filter Condition Here

Adventure Works	Drop a Column Dimension Here	
Product	Sales Amount	Order Quantity
Black Mountain Bikes	\$2,589,363.78	1,613
Mountain-100 Black, 38	\$1,339,997.25	682
Mountain-100 Black, 42	\$1,254,722.73	634
Mountain-100 Black, 44	\$1,365,852.38	678
Mountain-100 Black, 48	\$1,234,276.03	616
Mountain-200 Black, 38	\$1,811,229.02	1,364
Mountain-200 Black, 38	\$2,589,363.78	1,613
Mountain-200 Black, 42	\$1,744,009.38	1,297
Mountain-200 Black, 42	\$2,265,485.38	1,367
Mountain-200 Black, 46	\$1,352,144.97	967
Mountain-200 Black, 46	\$1,957,528.24	1,144
Mountain-300 Black, 38	\$442,477.09	684
Mountain-300 Black, 40	\$501,648.88	776
Mountain-300 Black, 44	\$484,051.52	747
Mountain-300 Black, 48	\$479,071.90	740
Mountain-500 Black, 40	\$101,734.12	282
Mountain-500 Black, 42	\$136,293.48	388
Mountain-500 Black, 44	\$125,925.67	350
Mountain-500 Black, 48	\$157,569.08	449
Mountain-500 Black, 52	\$96,982.20	272
Grand Total	\$19,440,363.10	15,050

Group Table – Fixed incorrect percentage calculation with Calculation Filter - Total Displayed and Others.

▼ GroupTable2		Drop a Column Dimension Here				
▼ Calendar Year CY 2008						
Adventure Works						
Reseller ▼	Subcategory ▼	▼ Reseller Sales Amount	▼ Reseller Sales Amount%	▼ Reseller Sales Amount LY	▼ Reseller Sales Amount Growth	▼ Reseller Sales Amount Growth%
All Reseller ▲		\$16,038,062.60	100.00%	\$32,202,669.43	(\$16,164,606.83)	-50.20%
[-] Roadway Bicycle Supply	Subcategory ▲	\$220,496.66	100.00%	\$216,425.00	\$4,071.66	1.88%
	Touring Bikes	\$203,653.55	92.36%	\$184,483.14	\$19,170.41	10.39%
	Touring Frames	\$10,840.04	4.92%	\$22,471.52	(\$11,631.49)	-51.76%
	Cranksets	\$3,928.39	1.78%	\$3,272.29	\$656.09	20.05%
	Derailleurs	\$767.57	0.35%	\$1,936.75	(\$1,169.18)	-60.37%
	Brakes	\$639.00	0.29%	\$1,681.55	(\$1,042.55)	-62.00%
	Total Displayed (5)	\$219,828.54	19.94%	\$213,845.25	\$5,983.29	-28.74%
	Others (6)	\$668.12	0.05%	\$2,579.74	(\$1,127.16)	-27.82%
Roadway Bicycle Supply Subtotal		\$220,496.66	1.37%	\$216,425.00	\$4,071.66	1.88%
[+] Westside Plaza		\$210,647.49	1.31%	\$324,308.79	(\$113,661.29)	-35.05%
[+] Thorough Parts and Repair Services		\$187,964.84	1.17%	\$294,930.72	(\$106,965.87)	-36.27%
[+] Field Trip Store		\$186,387.56	1.16%	\$368,440.99	(\$182,053.42)	-49.41%
[+] Brakes and Gears		\$179,916.29	1.12%	\$361,627.85	(\$181,711.56)	-50.25%
[+] Perfect Toys		\$175,358.40	1.09%	\$215,682.19	(\$40,323.80)	-18.70%
[+] Rally Master Company Inc		\$172,169.46	1.07%	\$182,972.52	(\$10,803.06)	-5.90%
[+] Action Bicycle Specialists		\$157,700.60	0.98%	\$164,052.23	(\$6,351.63)	-3.87%
[+] Global Bike Retailers		\$156,984.51	0.98%	\$180,772.22	(\$23,787.70)	-13.16%
[+] Rural Cycle Emporium		\$151,824.99	0.95%	\$219,306.17	(\$67,481.17)	-30.77%
Total Displayed (10)		\$1,799,450.81	1.12%	\$2,528,518.67	(\$729,067.85)	-24.15%
Others (556)		\$14,238,611.78	0.16%	\$29,674,150.76	(\$13,177,195.80)	10.99%
Grand Total		\$16,038,062.60	-	\$32,202,669.43	(\$16,164,606.83)	-50.20%

Data Package 2.0 – Added option to create Tabular Mode Cube

This version adds the option to create Tabular Cubes. Users can choose between Multi-Dimensional or Tabular Mode cubes, which increases flexibility. In addition to Member Properties, Tabular Mode also supports all the same functions as Multi-Dimensional Mode, including all Time Intelligence functions.

DataPackage Settings

Name

Description

Advanced Settings

Database Name

Cube Name

Default Dimension Type

Process Data Scope
 All Filtered

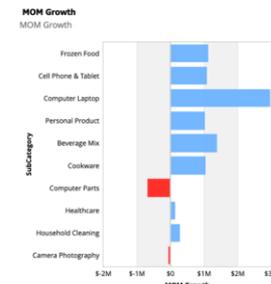
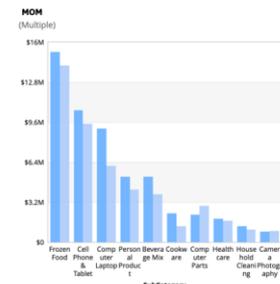
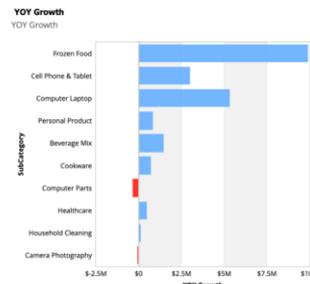
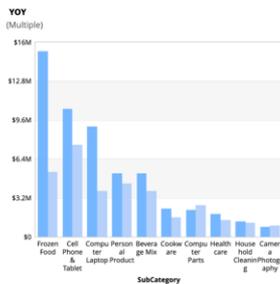
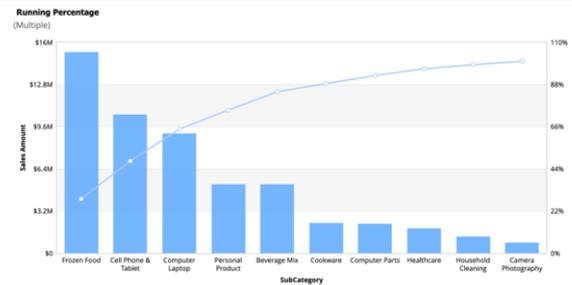
Database Type
 Multidimensional Tabular



Monthly Growth Analysis
 Calendar Y-M-D December

Sales Analyzer Tabular Mode Drop a Column Dimension Here

SubCategory	Sales Amount	Running %	Previous Year	YOY Growth	YOY Growth %	Previous Month	MOM Growth	MOM Growth %	
Frozen Food	\$15,236,343	28.36%	28.36%	\$5,343,956	\$9,892,387	185.13%	\$14,157,973	\$1,128,970	8.1
Cell Phone & Tablet	\$10,528,459	19.60%	47.95%	\$7,537,470	\$2,990,989	39.68%	\$5,442,822	\$1,085,637	11.1
Computer Laptop	\$9,071,218	16.88%	64.84%	\$3,755,397	\$5,315,821	141.55%	\$6,096,986	\$2,974,232	48.7
Personal Product	\$5,219,374	9.71%	74.55%	\$4,369,907	\$849,467	19.44%	\$4,192,751	\$1,026,623	24.4
Beverage Mix	\$5,213,682	9.70%	84.25%	\$3,765,804	\$1,447,878	38.45%	\$3,824,358	\$1,389,324	36.2
Cookware	\$2,289,789	4.26%	88.52%	\$1,580,650	\$709,139	44.86%	\$1,250,058	\$1,039,731	83.1
Computer Parts	\$2,214,103	4.12%	92.64%	\$2,579,678	(\$365,575)	-14.17%	\$2,893,787	(\$479,684)	-23.4
Healthcare	\$1,865,686	3.47%	96.11%	\$1,380,139	\$485,547	35.18%	\$1,372,560	\$133,126	7.1
Household Cleaning	\$1,268,065	2.36%	98.47%	\$1,142,927	\$125,138	10.95%	\$979,575	\$288,490	29.4
Camera Photography	\$822,541	1.53%	100.00%	\$892,762	(\$70,221)	-7.87%	\$883,518	(\$60,977)	-6.1
Grand Total	\$53,729,860	100.00%	100.00%	\$32,348,640	\$21,381,220	66.10%	\$45,404,388	\$8,325,472	18.2



Data Package 2.0 – Process Attribute As Address

Data Package 2.0 can now automatically convert address fields into a geographic hierarchy. Using the Geography Analysis template, you can automatically generate a Map Universal Chart based on the data. It can parse an attribute with complete address information or combine multiple fields like country, state, city, and street address to create a geo-hierarchy and produce a Geojson file to create a map, saving the user from having to do it manually.

```
addressprocessor - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8" ?>
<Config>
<GoogleKey>AIzaSyCpRqS51_BdYQAdBDFoJslkL0c5LH_39gk/GoogleKey>
<NominationURL>http://98.190.215.221:3000<NominationURL>
<Directory>~/uchart/charts/leafletChart/generatedMaps<Directory>
</Config>
```

Before using the **Process As Address** function, make sure the content of the "addressprocessor.config" file has been edited correctly in the Config directory.

Content includes:

- GoogleKey: Security Key for your company to use Google Address Services account. It needs to be obtained through Google separately.
- URL: SCC Geojson Server processing URL - http://98.190.215.221:3000
- Directory: The location to store the Geojson file created by the user, generally set to ~\uchart\charts\leafletChart\generatedMaps

Address	Invoice Number
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-09-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-10-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-11-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-12-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-16-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-18-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-20-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010001-20-02
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010002-01-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010002-01-02
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010003-01-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010003-02-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010003-02-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010003-03-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010003-08-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010003-13-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-01-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-02-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-04-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-05-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-09-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-20-01
5200 Blue Lagoon Dr # 130, Miami, FL 33126, US	HC17010004-21-01

Column Name	Entity	Data Type
Invoice Date	'Store Sales 2017-2020\$'	DateTime
CID	'Store Sales 2017-2020\$'	String
Company Name	Customers\$	String
City	Customers\$	String
State	Customers\$	String
Country	Customers\$	String
Job Function	Customers\$	String
Job Level	Customers\$	String
Industry	Customers\$	String
Running Capital	Customers\$	Decimal
Address	Customers\$	String
Lookup Columns		20\$' String
Consolidate		20\$' String
Discretize		20\$' String
Show Statistics		20\$' Decimal
Set Key		20\$' Decimal
Set Address as Measure		20\$' Decimal
Create New Hierarchy		
Process as Address		
Duplicate Address		
Hide Address		
Remove Address		

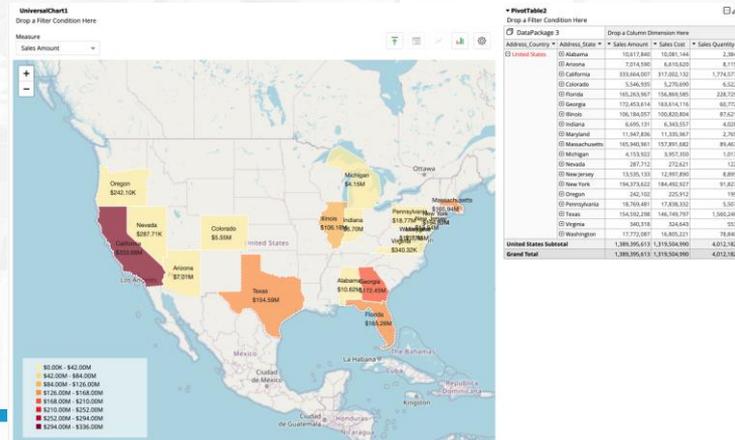
Process Attribute as Address

Hierarchy Name

Geocode string address

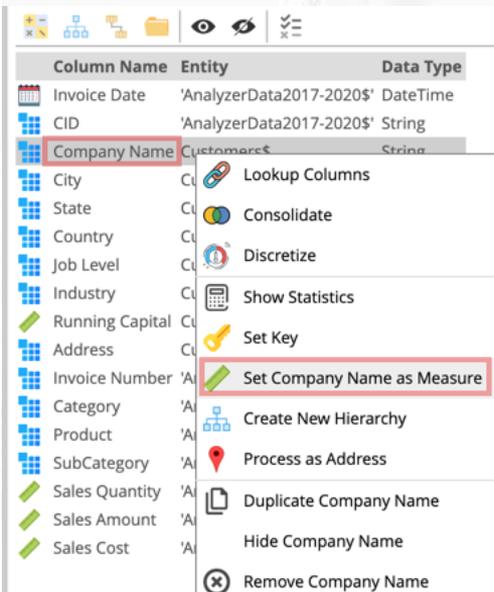
- Country
- State
- County
- City
- Neighborhood
- Street
- Postal Code
- Street Number

Language



Data Package 2.0 Supports non-numerical fields as a measure

Previously, a measure had to be from a numerical field—however, this version supports converting non-numerical fields to measures. This type of measure uses either Count or DistinctCount to aggregate. The example below uses distinct count to find out how many unique customers purchased a particular product.



Column Name	Entity	Data Type
Invoice Date	'AnalyzerData2017-2020\$'	DateTime
CID	'AnalyzerData2017-2020\$'	String
Company Name	Customers\$	String
City		
State		
Country		
Job Level		
Industry		
Running Capital		
Address		
Invoice Number		
Category		
Product		
SubCategory		
Sales Quantity		
Sales Amount		
Sales Cost		

Measure Settings

Name

Customer Count

Aggregation

DistinctCount

Display Folder

Default Format Strings

Standard

Custom Format String

Ok

Cancel

▼ PivotTable1

Drop a Filter Condition Here

Sales Analysis Eng		Year		2017		2018		2019	
Category	SubCategory	▼ Sales Amount	▼ Customer Count	▼ Sales Amount	▼ Customer Count	▼ Sales Amount	▼ Customer Count	▼ Sales Amount	▼ Customer Count
3C Electronics	Camera Photography	679,374	14	1,451,828	19	322,141	13		
	Cell Phone & Tablet	141,543,438	107	141,699,772	119	128,227,163	144		
	Computer Laptop	1,837,439	31	4,273,728	40	1,980,131	27		
	Computer Parts	12,879,165	50	12,026,033	47	7,154,716	53		
3C Electronics Subtotal		156,939,416	112	159,451,361	128	137,684,151	156		
Food & Nutrition	Beverage Mix	36,115,612	64	35,671,396	72	43,138,619	71		
	Frozen Food	49,673,186	87	52,502,733	99	47,215,577	109		
	Healthcare	13,335,931	48	17,160,438	58	21,486,053	69		
Food & Nutrition Subtotal		99,124,729	109	105,334,567	126	111,840,249	143		
Household Products	Cookware	11,560,923	57	14,585,825	51	16,310,052	66		
	Household Cleaning	8,231,077	47	11,271,258	52	6,728,848	51		
	Personal Product	36,456,104	72	43,755,472	85	40,559,869	99		
Household Products Subtotal		56,248,104	96	69,612,555	107	63,598,769	133		
Grand Total		312,312,249	151	334,398,483	187	313,123,169	239		

Data Package 2.0 – Added the Semester level to Time Dimension

This version adds the option of a Semester level for Calendar, Fiscal Calendar, and Accounting time dimensions. It can generate Semester and Semester of Year attributes and automatically establish Y-H-Q-M-D Hierarchy, which is convenient for semi-annual report analysis.

Configure Calendar

Enabled

Date Attributes

Attribute	Member Prefix	Member Suffix	Expression
<input checked="" type="checkbox"/> Year			
<input checked="" type="checkbox"/> Semester			
<input checked="" type="checkbox"/> Quarter			
<input checked="" type="checkbox"/> Month			
<input checked="" type="checkbox"/> Week			
<input checked="" type="checkbox"/> Day			
<input type="checkbox"/> Hour			
<input type="checkbox"/> Minute			

Date Hierarchies

Y-M-D

Y-Q-M-D

Y-H-Q-M-D

Y-Q-M-W-D

Y-W

Y-M-D-H

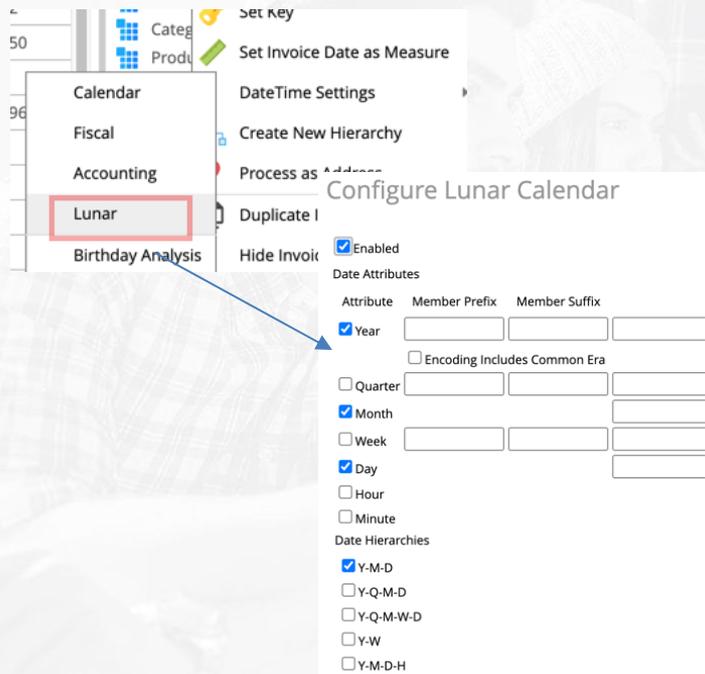
Ok Cancel

- Store Sales Sample
 - Dimensions
 - Invoice Date
 - 445
 - Calendar
 - Calendar Quarter
 - Calendar Quarter of Year
 - Calendar Semester
 - Calendar Semester of Year
 - Calendar Week
 - Calendar Week of Year
 - Calendar Year
 - Calendar Y-H-Q-M-D
 - Calendar Y-M-D
 - Calendar Y-Q-M-D
 - Calendar Y-W
 - Fiscal
 - Date
 - Day Name
 - Day of Month
 - Month
 - Month of Year
 - Shrt Date

Store Sales Sample				Category											
				3C Electronics				Food & Nutrition				Household Prod.			
Year	Semester	Quarter	Month	Sales Amount	Sales Quantity	Gross Profit	Gross Profit Margin	Sales Amount	Sales Quantity	Gross Profit	Gross Profit Margin	Sales Amount	Sales Quantity	Gross Profit	Gross Profit Margin
2017	H1 2017	Q1 2017	January 2017	7,570,400	289	376,123	4.97%	5,187,619	24,690	304,962	5.88%	2,726,392			
			February 2017	8,908,657	562	461,554	5.18%	10,043,141	53,101	464,182	4.62%	4,536,696			
			March 2017	10,039,868	572	550,529	5.48%	11,703,484	64,578	572,447	4.89%	4,789,128			
		Q1 2017 Subtotal	26,518,925	1,423	1,388,206	5.23%	26,934,244	142,369	1,341,591	4.98%	12,052,216				
	Q2 2017	April 2017	10,597,822	812	549,520	5.19%	11,362,335	70,819	520,800	4.58%	4,638,447				
		May 2017	8,219,752	682	393,913	4.79%	10,579,352	72,933	465,710	4.40%	4,368,186				
		June 2017	8,367,297	390	423,991	5.07%	12,520,955	54,172	762,355	6.09%	4,681,678				
	Q2 2017 Subtotal	27,184,871	1,884	1,367,424	5.03%	34,462,642	197,924	1,748,865	5.07%	13,688,311					
	H1 2017 Subtotal	53,703,796	3,307	2,755,630	5.13%	61,396,886	340,293	3,090,456	5.03%	25,740,527					
	H2 2017	Q3 2017	July 2017	10,246,852	920	555,927	5.43%	15,466,384	81,912	786,050	5.08%	6,157,978			
			August 2017	8,307,288	845	413,804	4.98%	14,921,621	86,175	693,399	4.65%	4,500,017			
			September 2017	13,205,513	1,696	756,155	5.73%	16,575,323	109,198	670,943	4.05%	5,586,336			
		Q3 2017 Subtotal	31,759,653	3,461	1,725,886	5.43%	46,963,328	277,285	2,150,392	4.58%	16,244,331				
	Q4 2017	October 2017	8,777,082	526	445,866	5.08%	10,703,266	51,810	475,840	4.45%	4,101,505				
		November 2017	12,187,087	684	645,709	5.30%	11,824,004	71,728	596,040	5.04%	4,366,591				
	December 2017	10,448,726	792	514,058	4.92%	9,096,642	54,570	482,665	5.31%	4,998,825					
Q4 2017 Subtotal	31,412,895	2,002	1,605,633	5.11%	31,623,912	178,108	1,554,545	4.92%	13,466,921						
H2 2017 Subtotal	63,172,548	5,463	3,331,519	5.27%	78,587,240	455,393	3,704,937	4.71%	29,711,252						
2017 Subtotal				116,876,344	8,770	6,087,149	5.21%	139,984,126	795,686	6,795,393	4.85%	55,451,779			

Data Package 2.0 – Supports Lunar Calendar Time Dimension

Lunar Calendars provide users with the ability to analyze the influence of traditional Lunar Holidays on sales data, which is suitable for trend and growth analysis in the retail food industry in Asian markets, for example.



Configure Lunar Calendar

- Lunar

Date Attributes

- Year
- Quarter
- Month
- Week
- Day
- Hour
- Minute

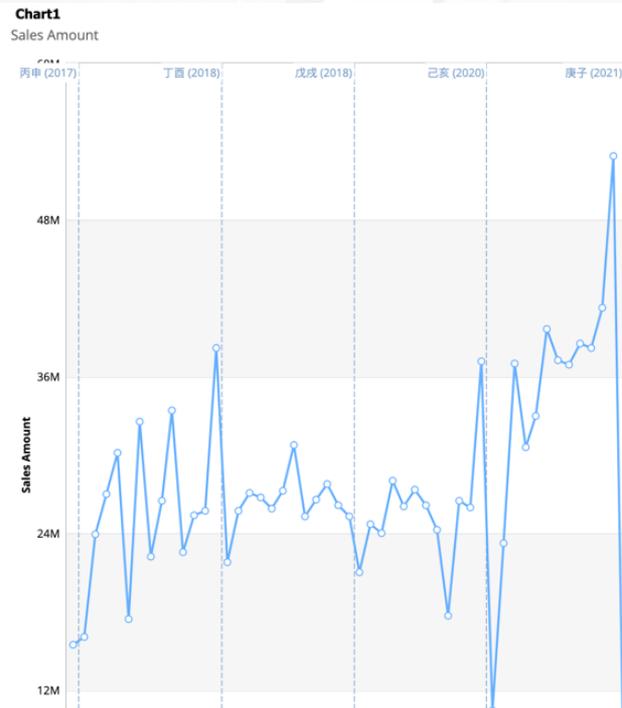
Date Hierarchies

- Y-M-D
- Y-Q-M-D
- Y-Q-M-W-D
- Y-W
- Y-M-D-H

PivotTable1
Drop a Filter Condition Here

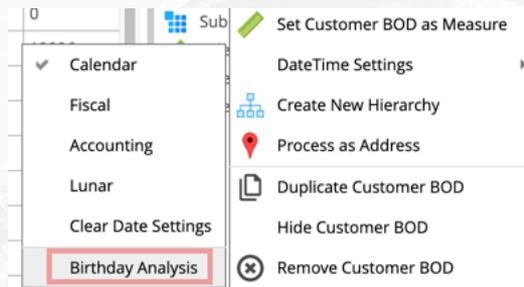
DataPackage 10 Drop a Column Dimension Here

Year	Month	Sales Amount	Sales Quantity	Sales Cost
丙申 (2017)	丙申 (2017) 十二月	15,484,411	35,923	14,727,328
丙申 (2017) Subtotal		15,484,411	35,923	14,727,328
丁酉 (2018)	丁酉 (2018) 正月	16,067,694	27,181	15,266,923
	丁酉 (2018) 二月	23,930,886	74,025	22,740,982
	丁酉 (2018) 三月	27,050,603	87,440	25,752,208
	丁酉 (2018) 四月	30,159,091	122,458	28,597,327
	丁酉 (2018) 五月	17,462,337	46,990	16,524,619
	丁酉 (2018) 六月	32,581,672	122,890	31,111,061
	丁酉 (2018) 閏六月	22,230,049	93,710	21,271,373
	丁酉 (2018) 七月	26,506,911	144,241	25,023,186
	丁酉 (2018) 八月	33,401,816	77,383	31,547,968
	丁酉 (2018) 九月	22,569,404	70,231	21,346,575
	丁酉 (2018) 十月	25,379,405	68,837	23,959,012
	丁酉 (2018) 十一月	25,750,163	71,037	24,456,667
丁酉 (2018) 十二月	38,222,599	102,071	36,319,406	
丁酉 (2018) Subtotal		341,312,630	1,108,494	323,917,307
戊戌 (2018)	戊戌 (2018) 正月	21,837,175	49,159	20,692,274
	戊戌 (2018) 二月	25,692,886	75,843	24,394,104
	戊戌 (2018) 三月	27,094,001	62,574	25,629,695
	戊戌 (2018) 四月	26,731,657	80,492	25,286,565
	戊戌 (2018) 五月	25,870,031	64,591	24,628,653
	戊戌 (2018) 六月	27,292,617	76,592	26,007,710
	戊戌 (2018) 七月	30,743,624	80,541	29,154,133
	戊戌 (2018) 八月	25,267,730	59,361	24,089,222
	戊戌 (2018) 九月	26,571,870	48,729	25,240,486



Data Package - Birthday Analysis

For birthdays (a Date-type field), Data Packages can automatically generate related fields such as constellation, zodiac, age, etc., providing a valuable multi-level consumer spending habit on groups in addition to simple date analysis.



Set Customer BOD as Measure

- Calendar
- Fiscal
- Accounting
- Lunar
- Clear Date Settings
- Birthday Analysis**

- DateTime Settings
- Create New Hierarchy
- Process as Address
- Duplicate Customer BOD
- Hide Customer BOD
- Remove Customer BOD

Birthday Analysis

- Zodiac Sign
- Chinese Zodiac Sign
- Age

Ok Cancel



- Cubes
 - DataPackage 10
 - Dimensions
 - Customer BOD
 - Calendar
 - Date
 - Day Name
 - Day of Month
 - Month
 - Month of Year
 - Short Date
 - DataPackage 10
 - Customer BOD**
 - Age
 - Chinese Zodiac
 - Zodiac
 - Category
 - CID
 - Customer BOD
 - Invoice Date
 - Invoice Number
 - Product
 - SubCategory

- Measures
- Named Sets
- KPIs
- Analytical Patterns

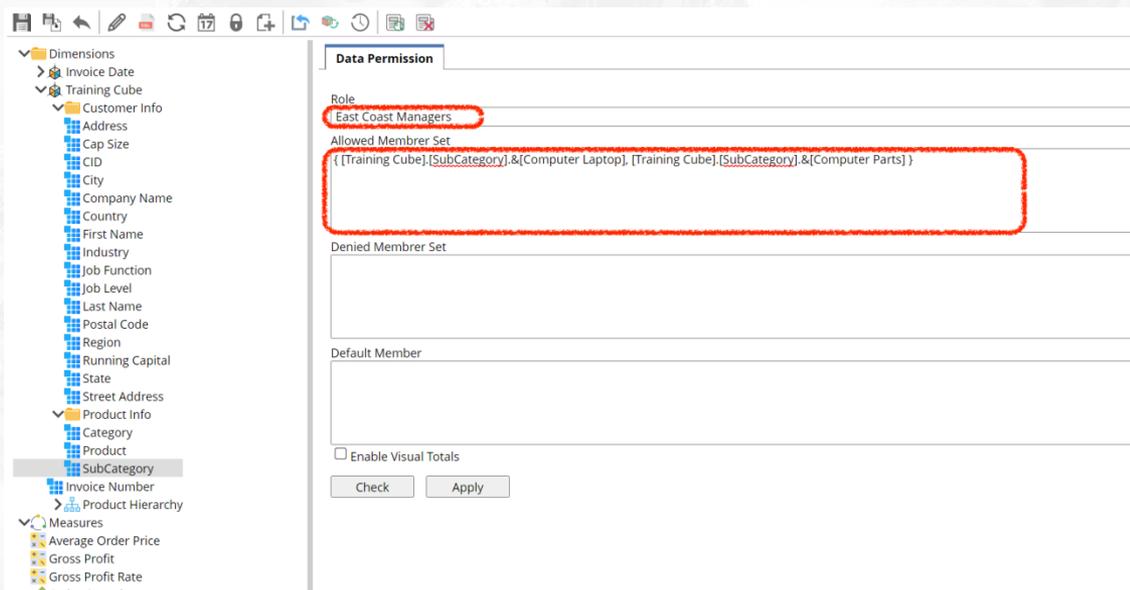
▼ PivotTable1

Drop a Filter Condition Here

Sales Analysis		3C Electronics		Food & Nutrition		Household Products	
Zodiac	▼ Sales Quantity	▼ Sales Quantity %	▼ Sales Quantity	▼ Sales Quantity %	▼ Sales Quantity	▼ Sales Quantity %	
Capricorn	3,607	10.57%	341,331	9.05%	124,747	9.13%	
Cancer	3,553	10.41%	397,830	10.55%	127,851	9.36%	
Virgo	3,342	9.79%	368,982	9.79%	119,988	8.78%	
Gemini	3,236	9.48%	352,616	9.35%	127,530	9.33%	
Leo	3,222	9.44%	382,025	10.13%	140,144	10.26%	
Libra	3,041	8.91%	376,837	10.00%	122,501	8.96%	
Aries	2,919	8.55%	339,331	9.00%	117,801	8.62%	
Taurus	2,837	8.31%	295,079	7.83%	123,785	9.06%	
Pisces	2,403	7.04%	232,578	6.17%	98,892	7.24%	
Scorpio	2,244	6.58%	276,008	7.32%	103,576	7.58%	
Aquarius	1,926	5.64%	183,024	4.86%	68,303	5.00%	
Sagittarius	1,793	5.25%	224,152	5.95%	91,337	6.68%	
Grand Total	34,123	100.00%	3,769,793	100.00%	1,366,455	100.00%	

Data Package 2.0 – Security added Allowed Members and Denied Members

Every Data Package security role can have its member access privilege configured individually so that different security roles can view different attribute members.



Data Permission

Role
East Coast Managers

Allowed Member Set
{ ([Training Cube].[SubCategory].&[Computer Laptop], [Training Cube].[SubCategory].&[Computer Parts]) }

Denied Member Set

Default Member

Enable Visual Totals

Check Apply

Data Package 2.0 - Lookup Columns Added Left-Outer-Join option

Left-Outer-Join Option - to avoid the Lookup being unable to find corresponding values, which reduces the number of transactions in the Transaction Table, which in turn causes the totals to be inaccurate.

Lookup Columns

Destination Entity

democustomerseng.xls.Customers\$

Source Columns	Destination Columns
CID	CID

Lookup Columns

- CID
- Company Name
- Street Address
- City
- State
- Postal Code
- Country
- First Name
- Last Name
- Job Function
- Outer Join

Ok Cancel

1	2	3	4	5	...	566
First Name	Last Name	Invoice Number	Category	Product	SubCategory	
Terry	Warren	HC17010001-09-01	Food & Nutrition	Seafood Products	Frozen Food	
Terry	Warren	HC17010001-10-01	Food & Nutrition	Mix Drinks	Beverage Mix	
Terry	Warren	HC17010001-11-01	Food & Nutrition	Mix Drinks	Beverage Mix	
Terry	Warren	HC17010001-12-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010001-16-01	Household Products	Toilet Paper	Personal Product	
Terry	Warren	HC17010001-18-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010001-20-01	3C Electronics	Memory Module	Computer Parts	
Terry	Warren	HC17010001-20-02	3C Electronics	Memory Module	Computer Parts	
Terry	Warren	HC17010002-01-01	Food & Nutrition	Frozen Food	Frozen Food	
Terry	Warren	HC17010002-01-02	Food & Nutrition	Frozen Food	Frozen Food	
Terry	Warren	HC17010003-01-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010003-02-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010003-03-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010003-08-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010003-13-01	3C Electronics	Memory Module	Computer Parts	
Terry	Warren	HC17010004-01-01	Household Products	Tampon	Personal Product	
Terry	Warren	HC17010004-02-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010004-04-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010004-05-01	3C Electronics	iPhone	Cell Phone & Tablet	
Terry	Warren	HC17010004-09-01	3C Electronics	iPhone	Cell Phone & Tablet	

Bug Fixes

- FS#3268 - Fixed the problem that PivotTable calculates the number of pages incorrectly when totals are hidden (Beta44)
- Merged 2018-SP2 CSV Export fix (Beta44)
- After executing the upgrade program, if the database is not updated, the Manual Upgrade page cannot be opened, and the database must be updated from the SQL under the backend database (Beta44)
- FS#4063 - "Report Auto Scaling," it should be set as the default value of Auto Scaling for new reports, but now the settings are not applied when adding reports. (Beta42)
- Fix the Define Sorting Rule dialog in the Measure menu from Customize Sorting Rule to Define Sorting Rule (Iqvia)
- Add database field (beta42). Need to verify after installing the upgrade program, whether the manual upgrade has done the database upgrade.

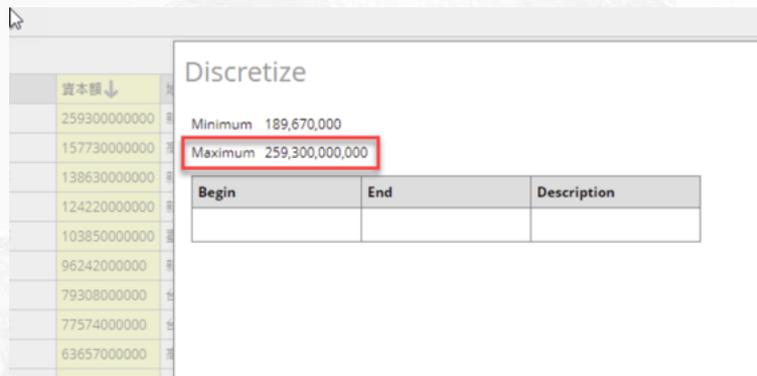
The following SQL can also directly update the database

```
ALTER TABLE UserProfiles ADD CsvDelimiter char(1) NULL DEFAULT ',';
ALTER TABLE UserProfiles ADD CsvQualifier char(1) NULL DEFAULT '\"';
ALTER TABLE UserProfiles ADD CsvColumnHeader char(1) NULL DEFAULT 'Y';
ALTER TABLE UserProfiles ADD CsvColumnHierarchy char(1) NULL DEFAULT 'N';
ALTER TABLE UserProfiles ADD CsvRowHierarchy char(1) NULL DEFAULT 'N';
ALTER TABLE UserProfiles ADD CsvCellHierarchy char(1) NULL DEFAULT 'Y';
```

(Bug) The automatic calculation ratio in PivotTable is required to add IIF(IsEmpty(Sales Date.Calendar Year).CurrentMember.Parent), 1,...

Bug Fixes

- Fixed an issue where the maximum value displayed in the Discretize function would become negative if the value used in the Data Package were too large



Begin	End	Description

- FS#4060: When TreeMap is exported to Excel, the top row of words is blocked
- 2021RC06-05(FS#4059): When PivotTable contains MemberProperty, export CSV with RowHierarchy enabled, the result is incorrect
- 2021RC06-02 (FS#4056): Measures on row axis and with rows expanded, exporting CSV-Flat, the result is different from exporting Excel-flat
- FS#NNNN - Fix Data Package connection Oracle R11g Import Data has a method not supported error (Beta44)

2021 SP1 will change from the current .NET framework 4.6.1 to .NET framework 4.8

Therefore, the development environment needs to install the following:

<https://dotnet.microsoft.com/download/dotnet-framework/net48>

Thank You

EXTEND THE POWER OF ANALYTICS TO YOUR ENTIRE ORGANIZATION