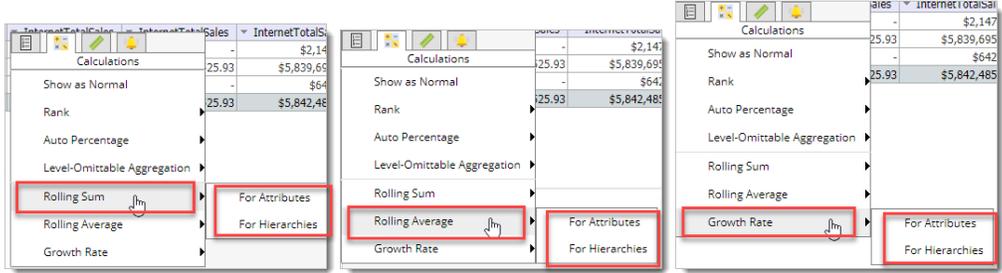
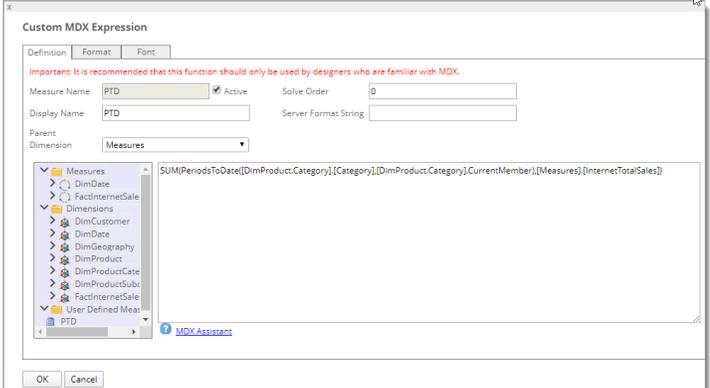
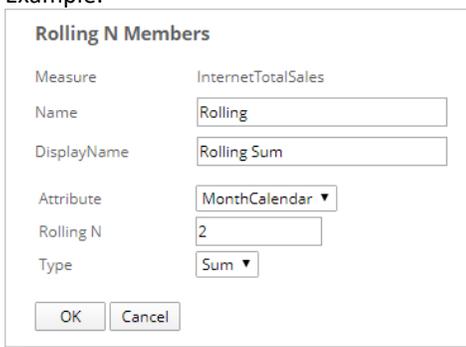
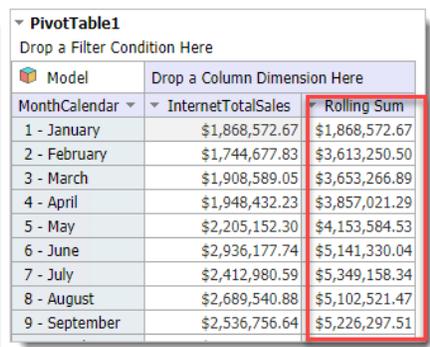


Strategy Companion Analyzer 2018 Service Pack2 Release Note

New Feature – 1 Items

Item	Description	Comments
FS# 3981	<p>6 new Tabular Cube specific functions.</p> <ol style="list-style-type: none"> <li>(1). Rolling Sum – for Attributes.</li> <li>(2). Rolling Sum – for Hierarchies</li> <li>(3). Rolling Average – for Attributes.</li> <li>(4). Rolling Average– for Hierarchies</li> <li>(5). Growth Rate – for Attributes.</li> <li>(6). Growth Rate– for Hierarchies</li> </ol>	<p>The following functions become available under Rolling Sum/Rolling Average/Growth Rate while the pivot table data source is a tabular mode cube.</p>  <p>A measure created by any of these function are editable by the user.</p>  <ol style="list-style-type: none"> <li>(1) Rolling Sum - for Attributes Use an attribute on Row/Column/Slicer to calculate the n-period rolling sum. The MDX function used are Lag() and Sum(). Example:    </li> </ol> <p>Generated MDX: SUM({[MonthCalendar].CurrentMember.Lag(1) : [MonthCalendar].CurrentMember.Lag(0) } , [Measures].[InternetTotalSales] )</p> <ol style="list-style-type: none"> <li>(2) Rolling Sum –for Hierarchies Use a hierarchy on Row/Column/Slicer to calculate the n-period rolling sum. The MDX function used are PeriodsToDate() and Sum(). Example: There must be at least one hierarchy in the table to use this function.</li> </ol>

**Periods To Date**

Measure: InternetTotalSales

Name:

DisplayName:

Hierarchy:

Level:

Type:

**PivotTable2**  
Drop a Filter Condition Here

Model		Drop a Column Dimension Here	
CalendarYear	CalendarSemester	InternetTotalSales	PTD
2010	2	\$43,421.04	\$43,421.04
<b>2010 Subtotal</b>		\$43,421.04	\$43,421.04
2011	1	\$3,222,952.62	\$3,222,952.62
	2	\$3,852,573.31	\$7,075,525.93
<b>2011 Subtotal</b>		\$7,075,525.93	\$7,075,525.93
2012	1	\$2,690,214.97	\$2,690,214.97
	2	\$3,152,270.23	\$5,842,485.20
<b>2012 Subtotal</b>		\$5,842,485.20	\$5,842,485.20
2013	1	\$6,652,739.52	\$6,652,739.52
	2	\$9,698,810.82	\$16,351,550.34
<b>2013 Subtotal</b>		\$16,351,550.34	\$16,351,550.34
2014	1	\$45,694.72	\$45,694.72
	2	-	\$45,694.72
<b>2014 Subtotal</b>		\$45,694.72	\$45,694.72
<b>Grand Total</b>		\$29,358,677.22	-

Generated MDX:

```
SUM(PeriodsToDate([DimDate.Calendar].[CalendarYear],[DimDate.Calendar].CurrentMember),[Measures].[InternetTotalSales])
```

(3) Rolling Average –for Attributes

Similar to the Rolling Sum, it replaces the Sum function with the Average function.

(4) Rolling Average –for Hierarchies

Similar to the Rolling Sum, it replaces the Sum function with the Average function.

(5) Growth Rate –for Attributes

Calculate the growth rate using any of the attribute on the row, column or slicer. Select the Type to be either value, variance, or variance ratio. The query mainly uses the Lag() function to calculate, for example, to calculate prior period growth rate, select the target attribute and set the type to variance ratio.

**Previous N Members**

Measure: InternetTotalSales

Name:

DisplayName:

Attribute:

Previous N:

Type:

Model	MonthCalendar	InternetTotalSales	GrowthRate
	1 - January	\$1,868,572.67	-
	2 - February	\$1,744,677.83	-6.63%
	3 - March	\$1,908,589.05	9.39%
	4 - April	\$1,948,432.23	2.09%
	5 - May	\$2,205,152.30	13.18%
	6 - June	\$2,936,177.74	33.15%
	7 - July	\$2,412,980.59	-17.82%
	8 - August	\$2,689,540.88	11.46%
	9 - September	\$2,536,756.64	-5.68%
	10 - October	\$2,916,660.90	14.98%
	11 - November	\$2,979,421.39	2.15%
	12 - December	\$3,211,715.00	7.80%
<b>總計</b>		\$29,358,677.22	-

Generated MDX:

```
IIF(([MonthCalendar].CurrentMember.Lag(1), [Measures].[InternetTotalSales] ) IS NULL, NULL, (([MonthCalendar].CurrentMember, [Measures].[InternetTotalSales] ) - ([MonthCalendar].CurrentMember.Lag(1), [Measures].[InternetTotalSales])) / ([MonthCalendar].CurrentMember.Lag(1), [Measures].[InternetTotalSales]))
```

(6) Growth Rate–for Hierarchies

Calculate the growth rate using any of the hierarchy on the row, column or slicer. Select the

Type to be either value, variance, or variance ratio. The query maily uses the ParallelPeriod() function to calculate, for example, to calculate prior period growth rate, select the target hierarchy and set the type to variance ratio.

**Parallel Period**

Measure: InternetTotalSales

Name:

DisplayName:

Hierarchy: Calendar ▾

Level: CalendarSemester ▾

Period:

Type: Variance Ratio ▾

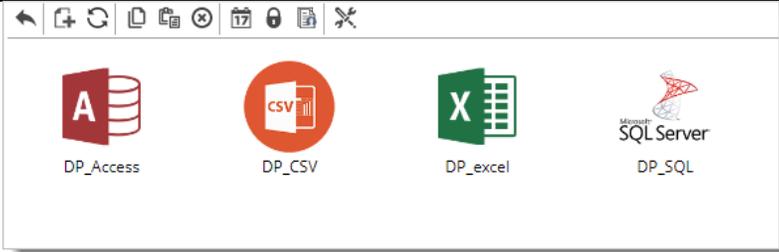
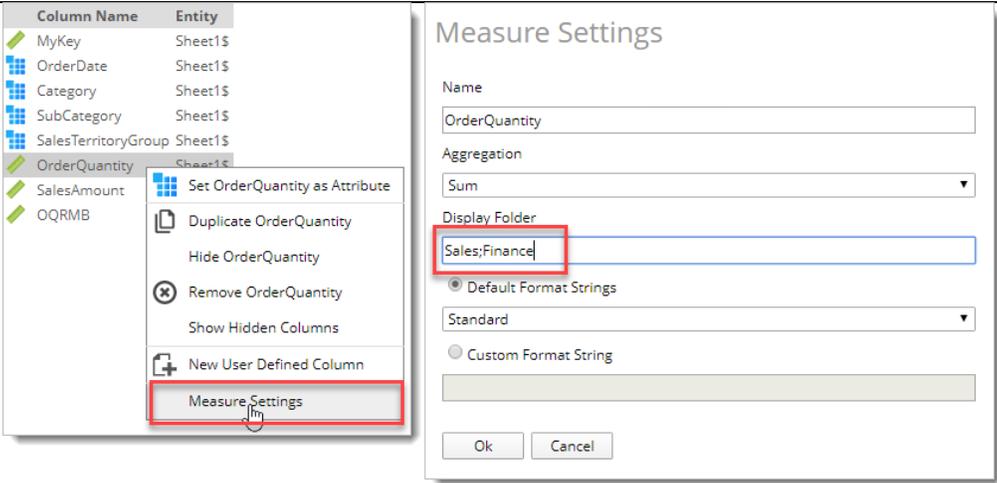
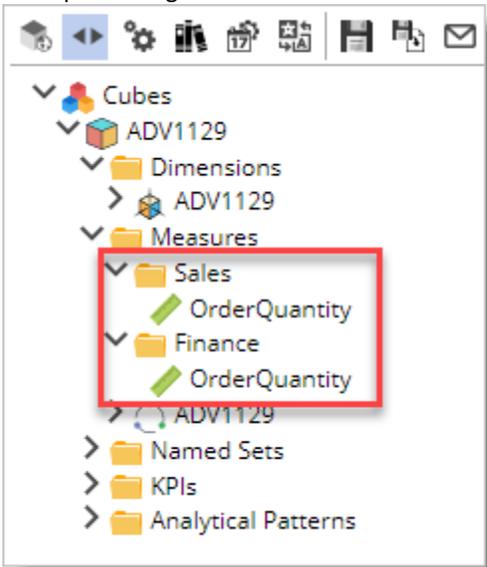
Value  
Variance  
Variance Ratio

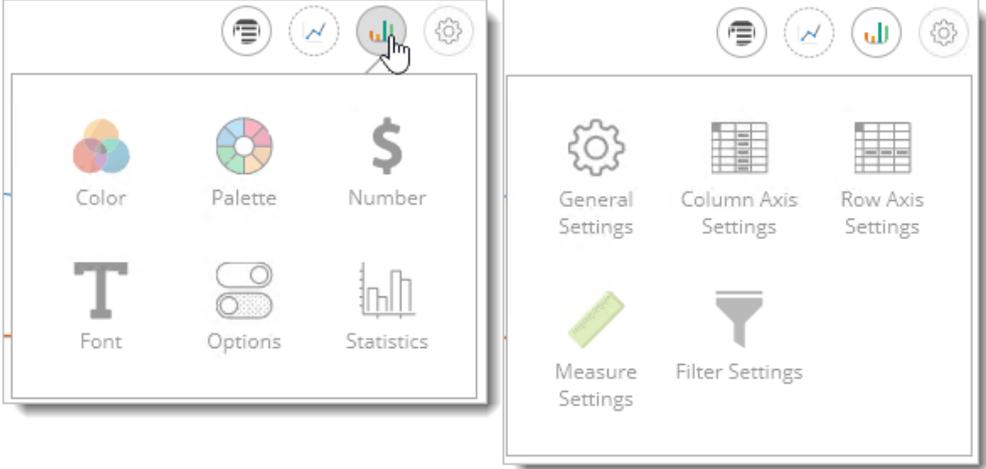
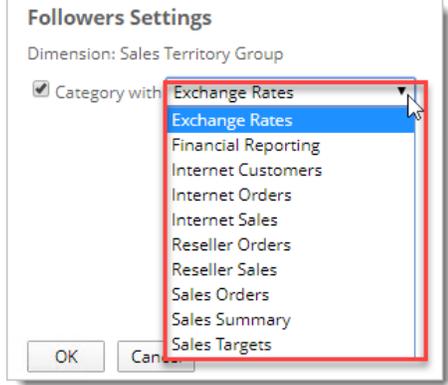
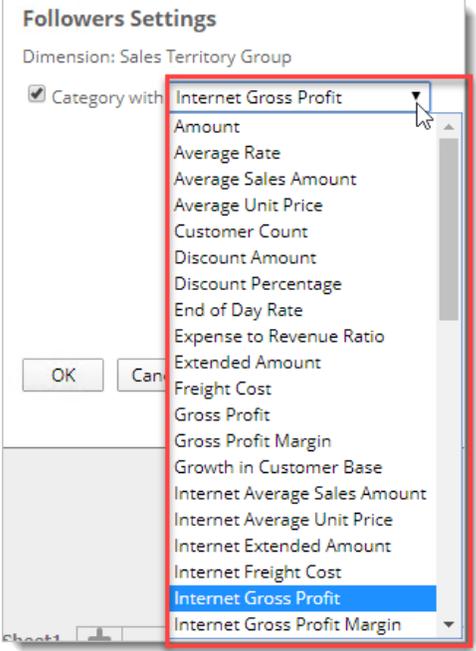
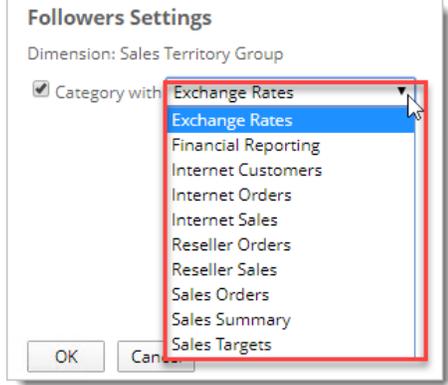
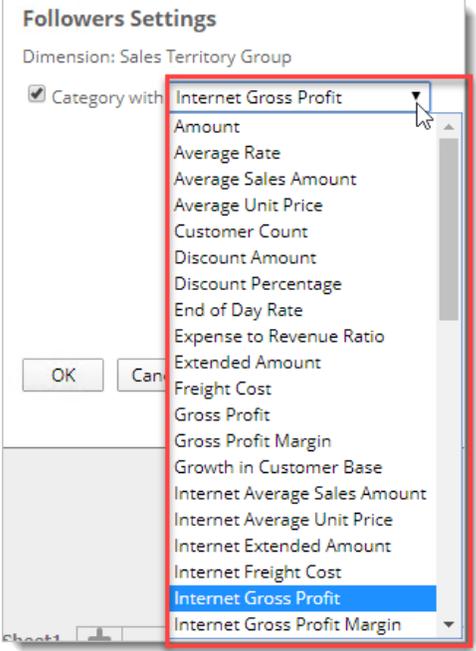
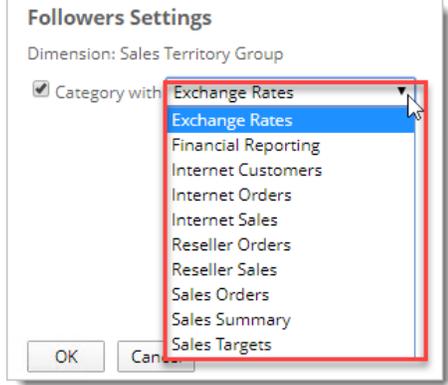
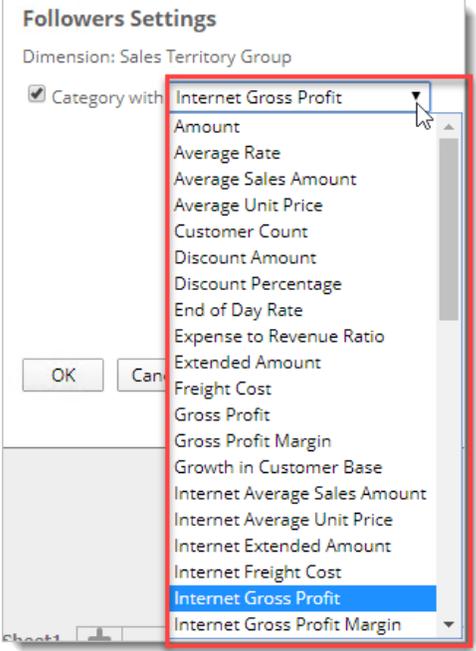
Model		Drop a Column Dimension Here	
CalendarYear	CalendarSemester	InternetTotalSales	PR
2010	2	\$43,421.04	-
<b>2010 Subtotal</b>		<b>\$43,421.04</b>	<b>-</b>
2011	1	\$3,222,952.62	7,322.56%
	2	\$3,852,573.31	19.54%
<b>2011 Subtotal</b>		<b>\$7,075,525.93</b>	<b>-</b>
2012	1	\$2,690,214.97	-30.17%
	2	\$3,152,270.23	17.18%
<b>2012 Subtotal</b>		<b>\$5,842,485.20</b>	<b>-</b>
2013	1	\$6,652,739.52	111.05%
	2	\$9,698,810.82	45.79%
<b>2013 Subtotal</b>		<b>\$16,351,550.34</b>	<b>-</b>
2014	1	\$45,694.72	-99.53%
	2	-	-100.00%
<b>2014 Subtotal</b>		<b>\$45,694.72</b>	<b>-</b>
<b>Grand Total</b>		<b>\$29,358,677.22</b>	<b>-</b>

Generated MDX:

```
IIF( ( ParallelPeriod( [DimDate.Calendar].[CalendarSemester], 1,
[DimDate.Calendar].CurrentMember ), [Measures].[InternetTotalSales] ) IS NULL ,NULL
, ( [DimDate.Calendar].CurrentMember, [Measures].[InternetTotalSales] )
-( ParallelPeriod( [DimDate.Calendar].[CalendarSemester], 1,
[DimDate.Calendar].CurrentMember ), [Measures].[InternetTotalSales] ))
/ ( ParallelPeriod( [DimDate.Calendar].[CalendarSemester], 1,
[DimDate.Calendar].CurrentMember ), [Measures].[InternetTotalSales] ))
```

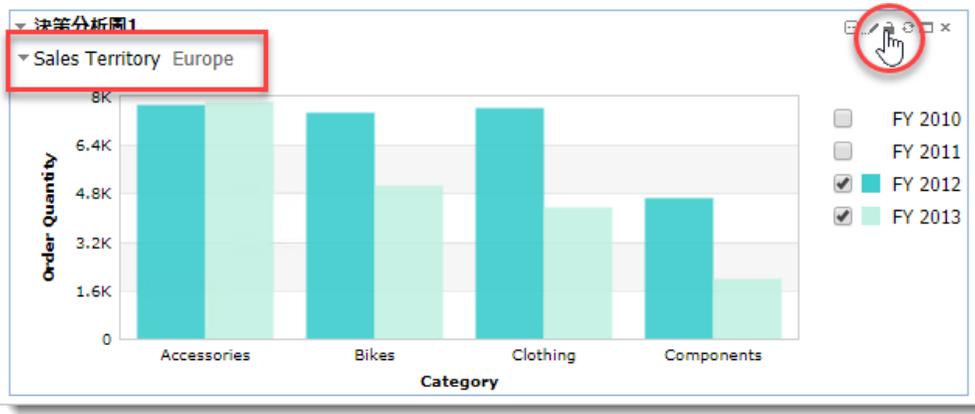
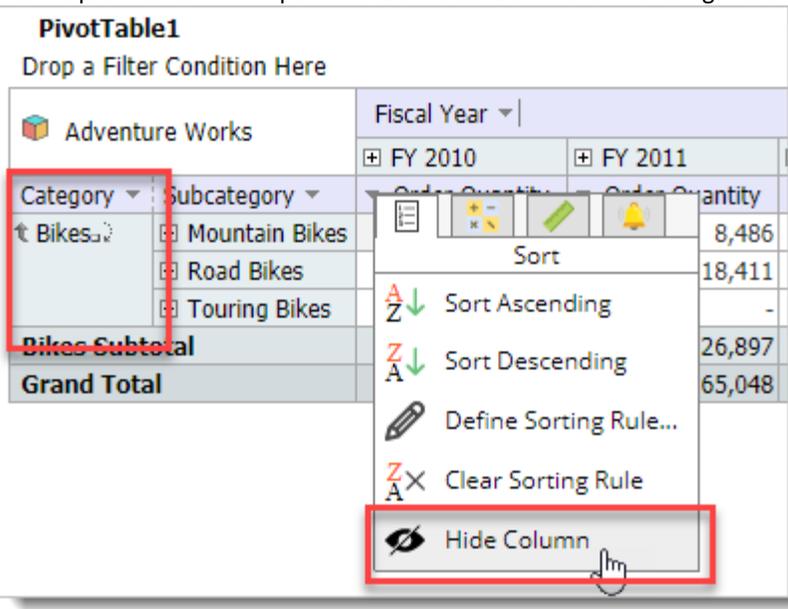
Enhancement –5 Items

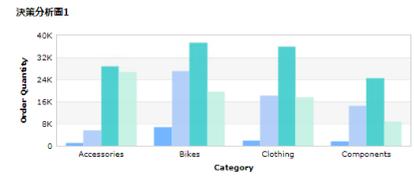
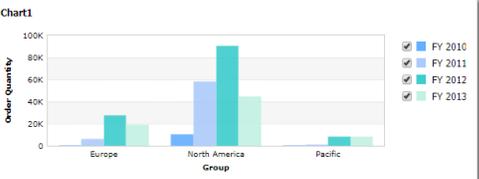
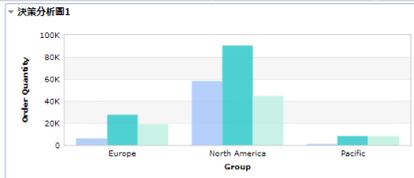
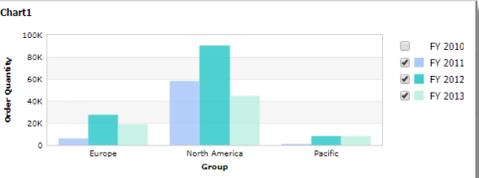
Item	Description	Comments																
FS# 3790	Data Package 2 icon (in tile view) now displays according to its source data format.																	
FS# 3953	Data Package 2 now supports multiple Display Folders. A measure is placed in both XXX and YYY folder by specifying the Display Folder as XXX;YYY.	 <p>Column Name Entity</p> <table border="1"> <tr><td>MyKey</td><td>Sheet1\$</td></tr> <tr><td>OrderDate</td><td>Sheet1\$</td></tr> <tr><td>Category</td><td>Sheet1\$</td></tr> <tr><td>SubCategory</td><td>Sheet1\$</td></tr> <tr><td>SalesTerritoryGroup</td><td>Sheet1\$</td></tr> <tr><td>OrderQuantity</td><td>Sheet1\$</td></tr> <tr><td>SalesAmount</td><td>Sheet1\$</td></tr> <tr><td>OQRMB</td><td>Sheet1\$</td></tr> </table> <p>Measure Settings</p> <p>Name: OrderQuantity</p> <p>Aggregation: Sum</p> <p>Display Folder: Sales;Finance</p> <p>Default Format Strings: Standard</p>	MyKey	Sheet1\$	OrderDate	Sheet1\$	Category	Sheet1\$	SubCategory	Sheet1\$	SalesTerritoryGroup	Sheet1\$	OrderQuantity	Sheet1\$	SalesAmount	Sheet1\$	OQRMB	Sheet1\$
MyKey	Sheet1\$																	
OrderDate	Sheet1\$																	
Category	Sheet1\$																	
SubCategory	Sheet1\$																	
SalesTerritoryGroup	Sheet1\$																	
OrderQuantity	Sheet1\$																	
SalesAmount	Sheet1\$																	
OQRMB	Sheet1\$																	
FS# 3951	Presentation View for the Universal Chart.	<p>After processing both Sales and Finance folders are shown.</p> 																

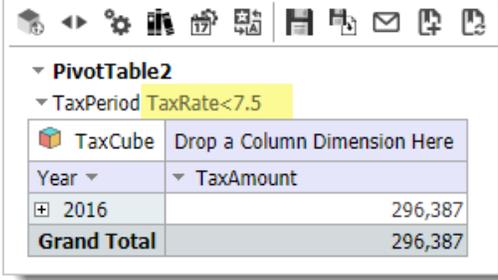
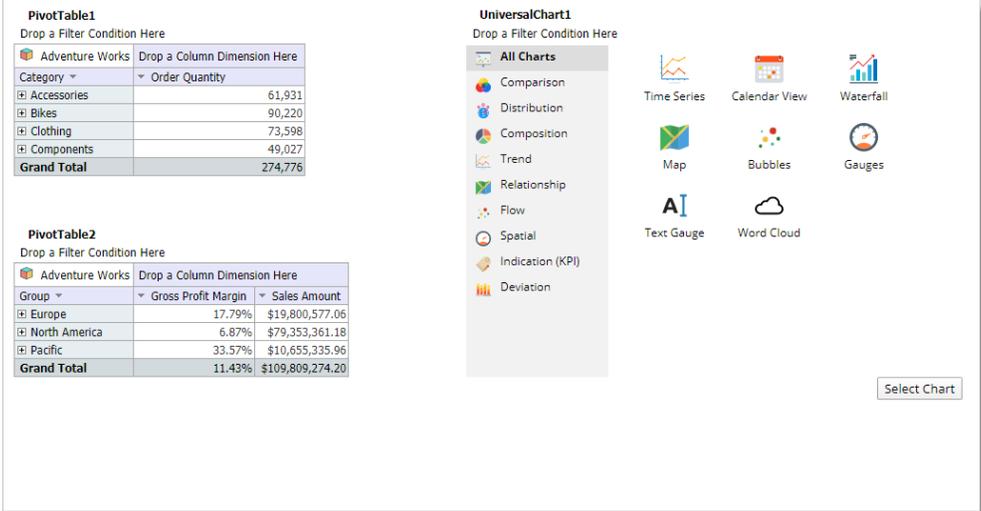
						
FS# 3989	The Quick Filter can now use Measure Group to define follower relationship.	<p>The following &lt;appSettings&gt; option enables the use of the measure group to define the follower relationship for the Quick Filter. This allows the relationship to interact with multiple measures instead of just one.</p> <pre>&lt;add key="QuickFilterEnableMeasureGroup" value="true"/&gt;</pre> <table border="1" data-bbox="521 848 1539 1583"> <tr> <td data-bbox="521 848 1036 915"> <b>QuickFilterEnableMeasureGroup=true</b>            The list shows the measure groups.         </td> <td data-bbox="1036 848 1539 915"> <b>QuickFilterEnableMeasureGroup=false</b>            The list shows individual measures.         </td> </tr> <tr> <td data-bbox="521 915 1036 1583">  </td> <td data-bbox="1036 915 1539 1583">  </td> </tr> </table>	<b>QuickFilterEnableMeasureGroup=true</b> The list shows the measure groups.	<b>QuickFilterEnableMeasureGroup=false</b> The list shows individual measures.		
<b>QuickFilterEnableMeasureGroup=true</b> The list shows the measure groups.	<b>QuickFilterEnableMeasureGroup=false</b> The list shows individual measures.					
						
FS# 3982	Upgrade EO.PDF component for the AES to support Windows 2019.	Allows the AES to support Windows 2019.				

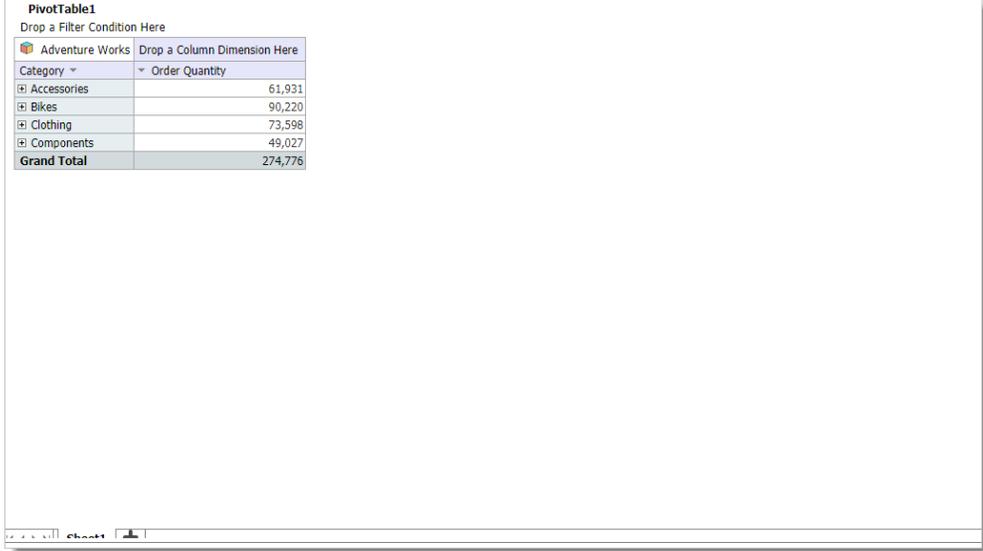
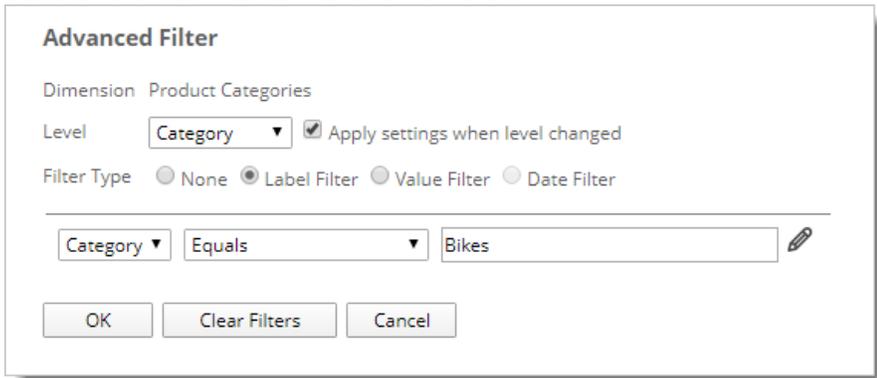
## Bug Fix –11 items

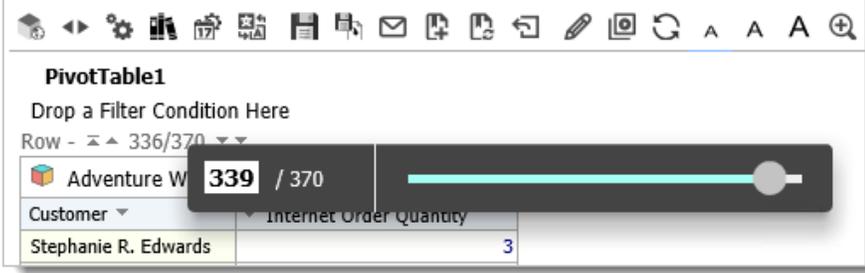
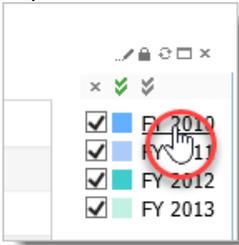
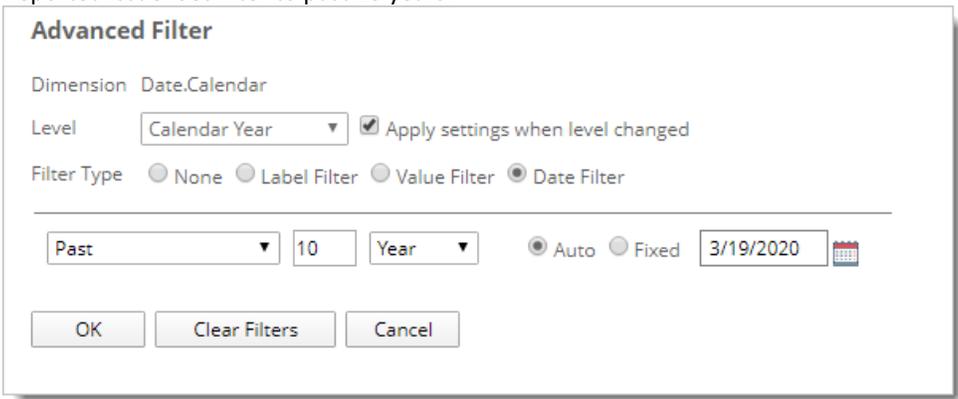
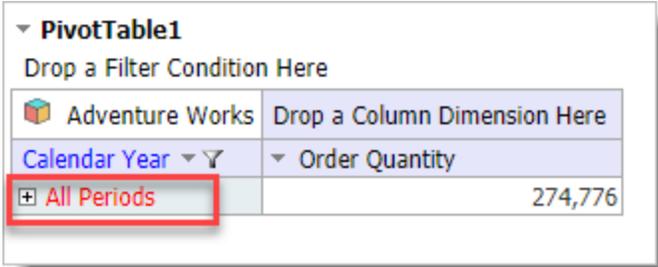
Item	Description	Comments
------	-------------	----------

FS# 3969	Interacting pivot table slicer member list should be cleared after the chart is frozen/unfrozen.	
FS# 3970	Hide measure feature does not work well with Drill-down.	<p>Fixed a problem where to perform hide-measure after drill down generates an error.</p>  <p>Error:</p> <div style="border: 1px solid gray; padding: 10px; text-align: center;"> <p><b>An error occurred while rendering this table, this can be recovered by</b></p> <p> <a href="#">Back to Top Level</a> <span style="margin-left: 100px;"><a href="#">Back to Prior Step</a></span> </p> </div>
FS# 3944	Data Package 2 issue. The roles in the cube would disappear after processing if the security is set.	Issue – after security configuration

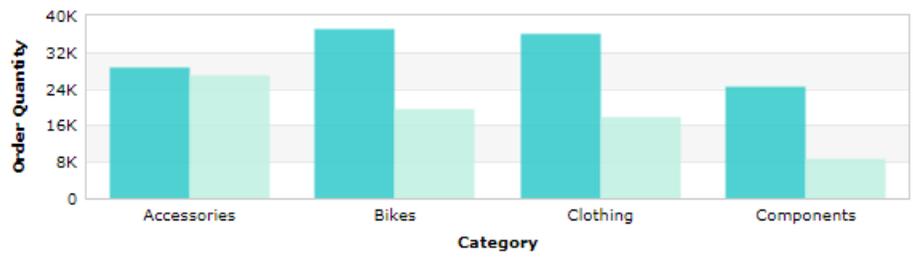
		<h3>Roles</h3> <p>Data Package: ADV1129</p> <p>Grant the following roles to access this data package</p> <div style="border: 1px solid gray; padding: 5px;"> <input checked="" type="checkbox"/> MasterTest  <input checked="" type="checkbox"/> Company Administrators  <input checked="" type="checkbox"/> Report Designers  <input checked="" type="checkbox"/> RoleOfMasterCompany  <input checked="" type="checkbox"/> General Users  <input checked="" type="checkbox"/> RoleMaster01  <input type="checkbox"/> Mobile Users  <input type="checkbox"/> Administrators  <input type="checkbox"/> RoleB01  <input type="checkbox"/> RoleA01  <input type="checkbox"/> RoleA02     </div> <p>After processing, all roles would disappear and left with only the Default role.</p> <div style="border: 1px solid gray; padding: 5px;">       Administrator_ADV1129       <ul style="list-style-type: none"> <li>+ Data Sources</li> <li>+ Data Source Views</li> <li>+ Cubes</li> <li>+ Dimensions</li> <li>+ Mining Structures</li> <li style="border: 1px solid red; padding: 2px;">- Roles           <ul style="list-style-type: none"> <li>Default</li> </ul> </li> <li>+ Assemblies</li> </ul> </div>
FS# 3975	Pivot Chart would interfere with each other	<p>Reported issue: Create two charts from two different pivot table sources.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Uncheck one of the item on the legend then move the cursor to the other chart would cause the other chart to update according to the first.</p> <div style="display: flex; justify-content: space-around;">   </div>
FS# 3815	Problem exporting slicer member name with the "<" symbol.	<p>Reported issue:</p>

																																		
		<table border="1"> <tr> <td colspan="2">After the fix</td> <td colspan="2">Prior to the fix</td> </tr> <tr> <td>1</td> <td><b>PivotTable2</b></td> <td>1</td> <td><b>PivotTable2</b></td> </tr> <tr> <td>2</td> <td>TaxPeriod = TaxRate &lt; 7.5</td> <td>2</td> <td>TaxPeriod = TaxRate</td> </tr> <tr> <td>3</td> <td>TaxCube</td> <td>3</td> <td>TaxCube</td> </tr> <tr> <td>4</td> <td>Year</td> <td>4</td> <td>Year</td> </tr> <tr> <td>5</td> <td>2016</td> <td>5</td> <td>2016</td> </tr> <tr> <td>6</td> <td><b>Grand Tot:</b></td> <td>6</td> <td><b>Grand Tot:</b></td> </tr> <tr> <td></td> <td>296,387</td> <td></td> <td>296,387</td> </tr> </table>	After the fix		Prior to the fix		1	<b>PivotTable2</b>	1	<b>PivotTable2</b>	2	TaxPeriod = TaxRate < 7.5	2	TaxPeriod = TaxRate	3	TaxCube	3	TaxCube	4	Year	4	Year	5	2016	5	2016	6	<b>Grand Tot:</b>	6	<b>Grand Tot:</b>		296,387		296,387
After the fix		Prior to the fix																																
1	<b>PivotTable2</b>	1	<b>PivotTable2</b>																															
2	TaxPeriod = TaxRate < 7.5	2	TaxPeriod = TaxRate																															
3	TaxCube	3	TaxCube																															
4	Year	4	Year																															
5	2016	5	2016																															
6	<b>Grand Tot:</b>	6	<b>Grand Tot:</b>																															
	296,387		296,387																															
FS# 3979	Delete a Universal Chart component at the upper right corner position would cause other component not display correctly.	<p>Reported issue: While the Universal Chart is on the upper right corner.</p>  <p>After deleting the Universal Chart, one of the table disappeared (outside the boundary).</p>																																

		
FS# 3976	A row dimension filtered with the Advanced Filter, after moving it to the slicer and back would generate an "Object reference not set to an instance of an object" error.	<p>Issue: Use the Advanced Filter to filter a row dimension.</p>  <p>Now move the row dimension to the slicer.</p>  <p>Move the slicer back to row creates an object reference error.</p> 

FS# 3977	While using IE 11, it is impossible to move to the last page using the page selection slicer.	
FS# 3980	Unable to drill-down by clicking on the items in the chart legend.	Reported issue: unable to drill-down by clicking the legend links. 
FS# 3974	Table (pivot/group) with past/predefined date filter (Advanced Filter) would show "All Periods" instead of the actual period information.	Reported issue: Set filter to past 10 years.  The result only shows displays Periods. 
FS# 3984	While positioning the legend at the bottom of the chart, hovering on top of it would cause flickering.	Reported issue: while the legend is at the bottom.

決策分析圖1



FY 2010   
  FY 2011   
  FY 2012   
  FY 2013

Moving the cursor on top of it would cause the legend to flicker.

▼ 決策分析圖1

FY 2010   
  FY 2011   
  FY 2012   
  FY 2013

Sheet1 +