

IIS263 - SAP Analytics Cloud with Focused Insights for SAP Solution Manager

TechEd 2020: IIS263

Ex2: SAP Analytics Cloud

Andrea Campo – Frederic Ozon – Xavier Dupeyrat / SAP Labs France SAS

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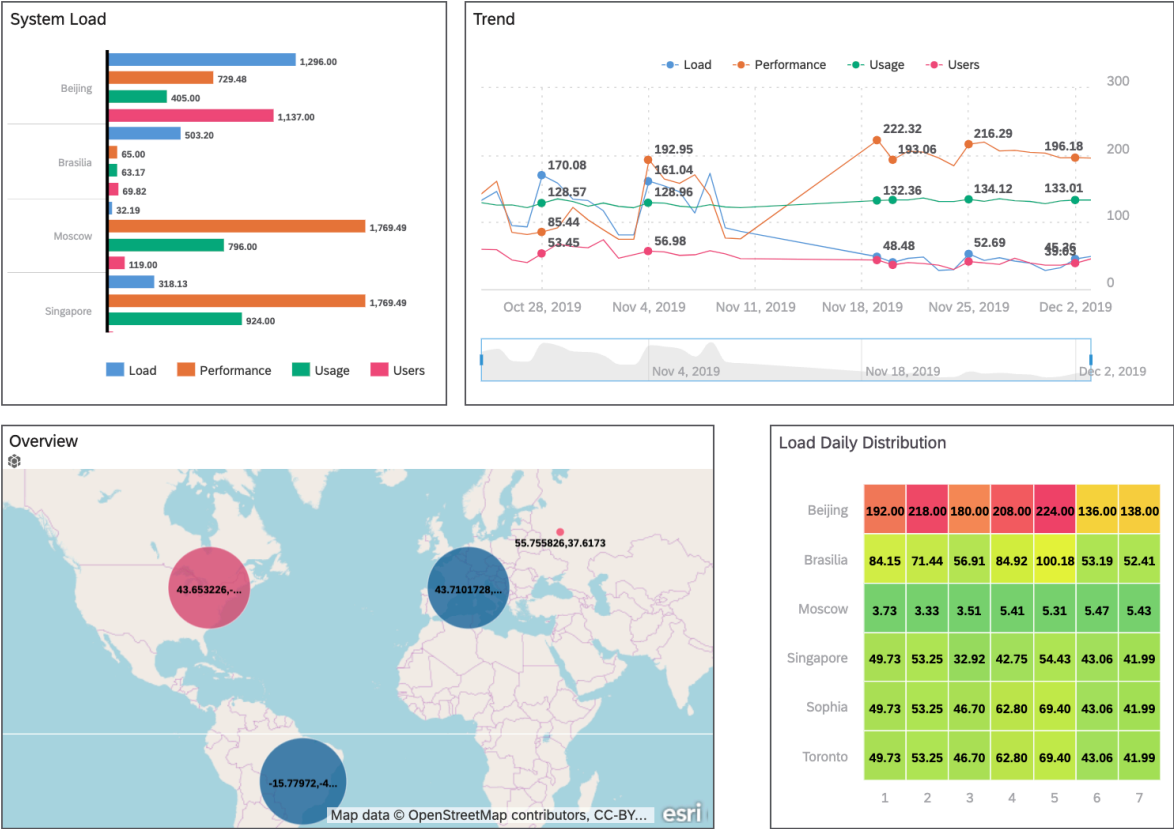
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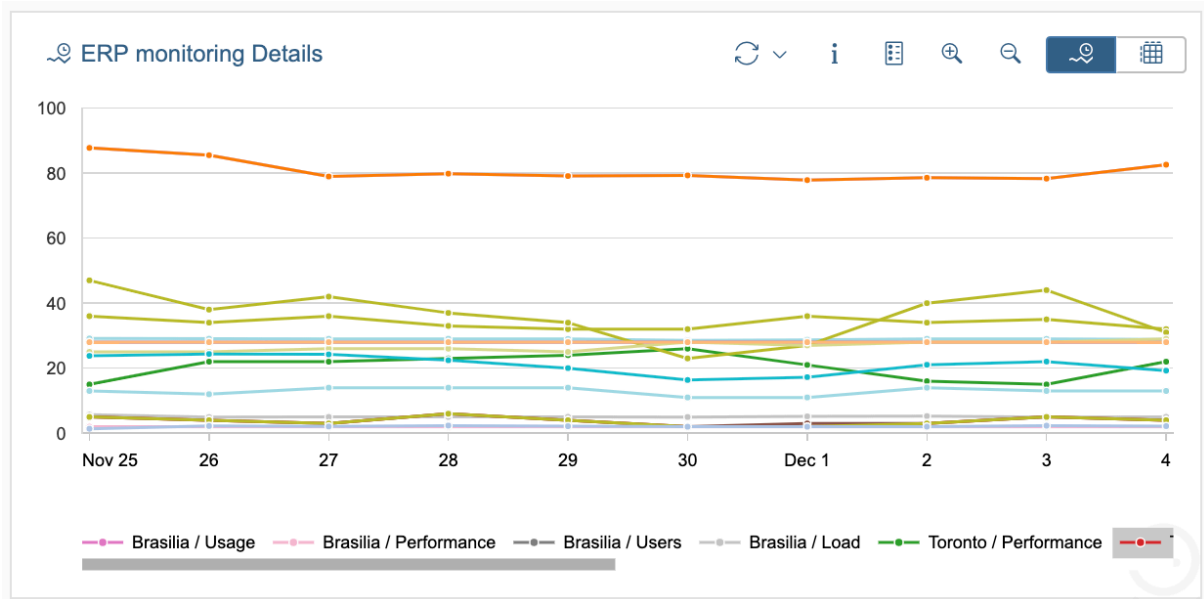
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INTRODUCTION

In this exercise, you will build a SAP Analytics Cloud story to report on your ERP data load.



The data source is constructed in Focused Insights for the www.sapsolutionmanagerdemo.com
https://www.sapsolutionmanagerdemo.com/sap/bc/ui5_ui5/stdf/occ_dash/index.html?configId=65



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EX 1: CREATE YOUR FIRST CHART

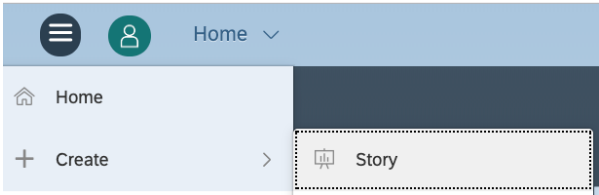
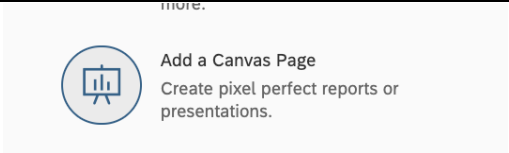


1.1 Connect to the SAC Tenant

https://fi-analytics-test.eu10.sapanalytics.cloud/sap/fpa/ui/app.html#;view_id=home

User: `sap.focused.insights.analytics@sap.com`

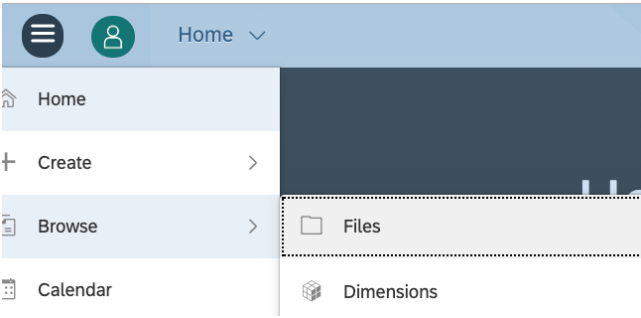
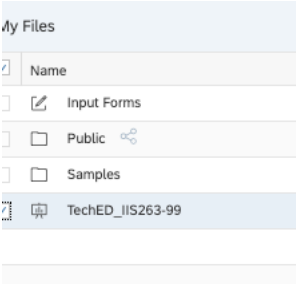
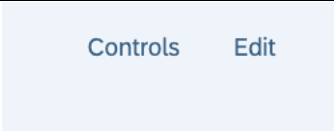
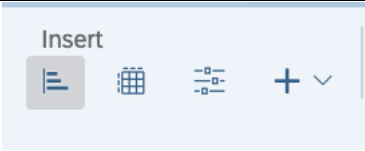
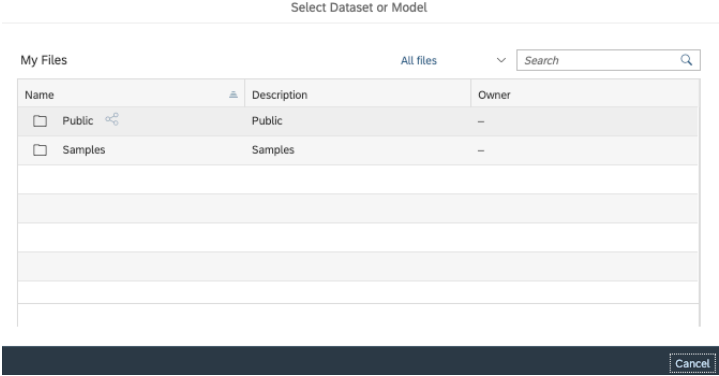
Password: to be communicated during the session.

1.2 Create your story

From the main menu select: <ul style="list-style-type: none">CreateStory	
Select the Canvas Page	
Save your story	
Name it: TechED_{ <i>UserID</i> } ex: TechED_IIS263-XX	

1.3 Bar chart

https://fi-analytics-test.eu10.sapanalytics.cloud/sap/fpa/ui/app.html#;view_id=home

From the main menu select Browse, Files	
Select your story	
Press the Edit button	
Press the Insert button	
A pop-up for model selection is displayed	

Navigate to the **Public/Models** folder:

FIDS_ERPMONITORING_832_IMPORT

Select Dataset or Model

My Files / Public / Models All files 832

Name	Description	Owner
FIDS_ERPMONITORING_832_IMPORT My Files / Public / Models	DS 832 without Geo enrichment	I023021
FIDS_ERPMONITORING_832_IMPORT My Files / Public / Models	DS 832 with geo enrichment from Excel	I023021
FIDS_ERP_MONITORING_832_IMPORT My Files / Public / Models	832 dataset with latitude and longitude	Focused Insights

Cancel

An empty chart is displayed.

Page 1

Title
Subtitle

At least one measure is required to build a chart.

Select the **Designer** view.

Designer Controls View

Builder

Data Source
FIDS_ERPMONITORING_832_IMPORT
+ Add Linked Models

Chart Structure +

Comparison
Correlation



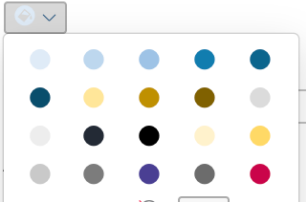
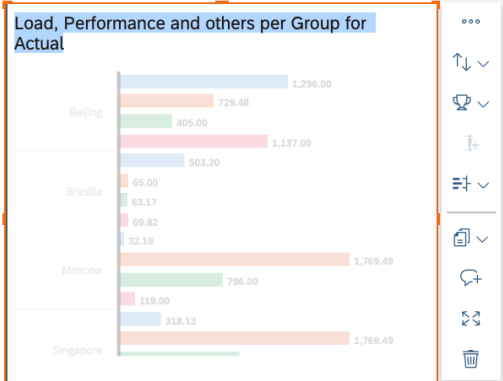
Trend
Indicator

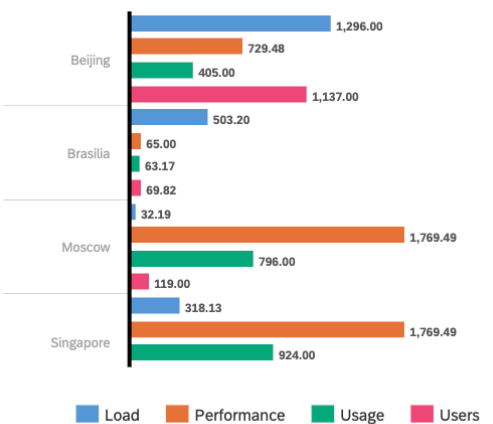
Distribution
More

Chart Orientation
Horizontal

Measures
+ Add Measure

Dimensions
+ Add Dimension

Select the Styling menu	 Builder 
Change Border	<div>Border</div> <div> <div>No Border</div> <div> <input type="checkbox"/> Bottom Border <input type="checkbox"/> Left Border <input type="checkbox"/> Top Border <input type="checkbox"/> Right Border <input type="checkbox"/> All Borders </div> </div>
Select Background Color	<div>Background Color</div> 
Select Legend	<div>Legend</div> <div> <div>Placement</div> <div> <div>Above Chart</div> <div>Above Chart</div> <div>Below Chart</div> <div>Beside Chart (Right)</div> </div> </div>
Change the chart title to System Load	

Check Result	<div><div>System Load</div><div><table><tr><th>City</th><th>Load</th><th>Performance</th><th>Usage</th><th>Users</th></tr><tr><td>Beijing</td><td>1,296.00</td><td>729.48</td><td>405.00</td><td>1,137.00</td></tr><tr><td>Brasilia</td><td>503.20</td><td>65.00</td><td>63.17</td><td>69.82</td></tr><tr><td>Moscow</td><td>32.19</td><td>1,769.49</td><td>796.00</td><td>119.00</td></tr><tr><td>Singapore</td><td>318.13</td><td>1,769.49</td><td>924.00</td><td></td></tr></table></div></div>	City	Load	Performance	Usage	Users	Beijing	1,296.00	729.48	405.00	1,137.00	Brasilia	503.20	65.00	63.17	69.82	Moscow	32.19	1,769.49	796.00	119.00	Singapore	318.13	1,769.49	924.00	
City	Load	Performance	Usage	Users																						
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Moscow	32.19	1,769.49	796.00	119.00																						
Singapore	318.13	1,769.49	924.00																							
Save Story	<div><div>Insert</div><div><div>Save (Cmd+S)</div><div>Save As... (Cmd+Shift+S)</div><div>Save As Template...</div><div>Export...</div></div></div>																									

EX 2: ADD A TREND CHART























1.4 Time series chart

Select Insert Chart	<div><div>Insert</div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div></div>
In the designer tab, select a Trend Chart of time series	<div><div>Trend</div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>C</div><div>M</div></div></div>
Add Measure with the “Add Measure” button	<div><div>Measures</div><div><div>+ Add Measure</div></div></div>
Select <i>Measure</i> , <i>Load</i> , <i>Usage</i> , <i>Users</i> .	<div><div>Measures</div><div><div>Search</div><div><div>▼</div></div></div><div><div>▼ CALCULATIONS</div><div><div>+ Create Calculation...</div></div></div><div><div>▼ ACCOUNT</div><div><div><div><input checked="" type="checkbox"/></div>Load</div><div><div><input checked="" type="checkbox"/></div>Performance</div><div><div><input checked="" type="checkbox"/></div>Usage</div><div><div><input checked="" type="checkbox"/></div>Users</div></div></div></div>
Add Timestamp Dimension.	<div><div>Measures</div><div><div>ⓘ At least 1 Measure required</div><div><div>+ Add Measure</div></div></div><div><div>Time</div><div><div>ⓘ At least 1 Dimension required</div><div><div>+ Add Dimension</div></div></div></div></div>
Select Timestamp in the Time dimension.	<div><div>Time</div><div><div>ⓘ At least 1 Dimension required</div></div><div><div><div>Search</div><div><div>▼</div></div></div><div><div>Date</div><div><div></div></div></div><div><div>Timestamp</div><div><div></div></div></div></div></div>

<div>Change the title chart to “Trend”.</div> <div>Change Border.</div> <div>Check Result</div>	<div><div>Trend</div><div><div><div>● Load</div><div>● Performance</div><div>● Usage</div><div>● Users</div></div><table><tr><th>Date</th><th>Load</th><th>Performance</th><th>Usage</th><th>Users</th></tr><tr><td>Oct 28, 2019</td><td>128.57</td><td>85.44</td><td>128.57</td><td>53.45</td></tr><tr><td>Nov 4, 2019</td><td>170.08</td><td>192.95</td><td>128.96</td><td>56.98</td></tr><tr><td>Nov 11, 2019</td><td>161.04</td><td>161.04</td><td>128.96</td><td>56.98</td></tr><tr><td>Nov 18, 2019</td><td>48.48</td><td>222.32</td><td>132.36</td><td>48.48</td></tr><tr><td>Nov 25, 2019</td><td>52.69</td><td>216.29</td><td>134.12</td><td>52.69</td></tr><tr><td>Dec 2, 2019</td><td>45.85</td><td>196.18</td><td>133.01</td><td>45.85</td></tr></table></div></div> <div><div>Save the Story</div></div>	Date	Load	Performance	Usage	Users	Oct 28, 2019	128.57	85.44	128.57	53.45	Nov 4, 2019	170.08	192.95	128.96	56.98	Nov 11, 2019	161.04	161.04	128.96	56.98	Nov 18, 2019	48.48	222.32	132.36	48.48	Nov 25, 2019	52.69	216.29	134.12	52.69	Dec 2, 2019	45.85	196.18	133.01	45.85
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Dec 2, 2019	45.85	196.18	133.01	45.85																																

EX 3: ADD A DISTRIBUTION CHART

1.5 Heatmap chart

Select Insert Chart	<div>Insert</div> <div> </div>
Add a distribution chart by choosing the Heat Map chart	<div>Distribution</div> <div></div> <div> Box Plot</div> <div> Heat Map</div> <div> Histogram</div> <div> Radar</div> <div> Tree Map</div>
Select WeekDay for Dimensions for X-Axis	<div>Dimensions</div> <div>X-Axis</div> <div> At least 1 Dimension required</div> <div> Add Dimension</div>
Select Group for Dimensions for Y-Axis	
Select Load for the Color Dimension. Change the default Color Palette.	<div>Dimensions</div> <div>X-Axis</div> <div> WeekDay </div> <div>Y-Axis</div> <div> Group </div> <div>Color</div> <div> Load </div> <div> </div>

Change Title to **Load**
Daily distribution.

Change **Border** chart.

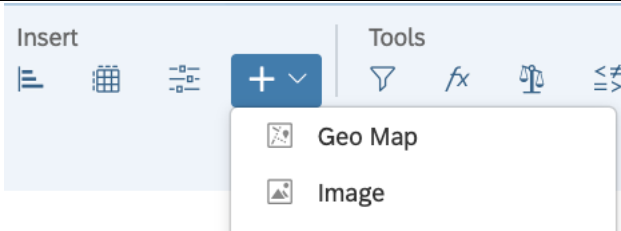
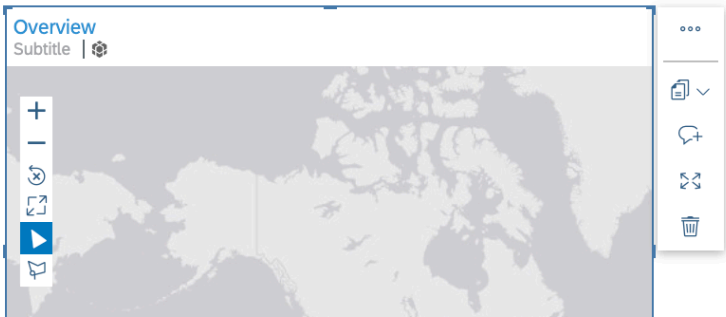
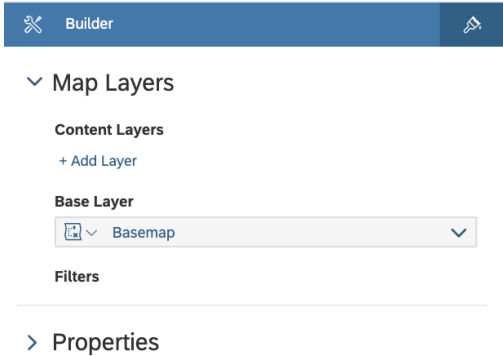
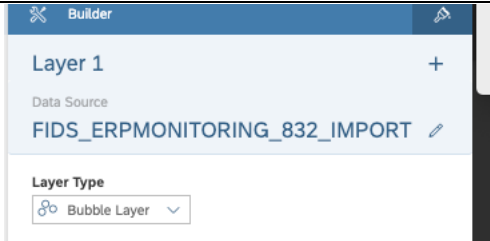
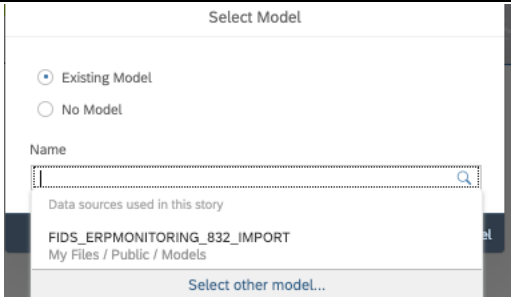
Load Daily Distribution

Beijing	192.00	218.00	180.00	208.00	224.00	136.00	138.00
Brasilia	84.15	71.44	56.91	84.92	100.18	53.19	52.41
Moscow	3.73	3.33	3.51	5.41	5.31	5.47	5.43
Singapore	49.73	53.25	32.92	42.75	54.43	43.06	41.99
Sophia	49.73	53.25	46.70	62.80	69.40	43.06	41.99
Toronto	49.73	53.25	46.70	62.80	69.40	43.06	41.99
	1	2	3	4	5	6	7

Save Story

EX 4: ADD A GEO MAP

1.6 Geo map with Bubble Chart

Select Insert Chart Geo Map .	 The screenshot shows the 'Insert' menu in a software application. The 'Geo Map' option is highlighted, and a dropdown menu is visible showing 'Geo Map' and 'Image'.
Change Title to Overview	 The screenshot shows a map interface with the title 'Overview' and a subtitle. The map displays a world map with a grid overlay. On the left side, there are navigation controls including a plus sign, minus sign, and a play button. On the right side, there are additional controls including a search icon, a plus sign, and a trash icon.
Add a Map Layer in the Builder Tab: Select the “Add Layer” button.	 The screenshot shows the 'Builder' tab in a software application. Under the 'Map Layers' section, there is a 'Content Layers' section with an '+ Add Layer' button. Below that, there is a 'Base Layer' section with a dropdown menu showing 'Basemap'. There is also a 'Filters' section and a 'Properties' section.
Replace the current model with a geo-localised model” Click on the “Edit” model.	 The screenshot shows the 'Builder' tab in a software application. Under the 'Map Layers' section, there is a 'Layer 1' section. It has a 'Data Source' field with the value 'FIDS_ERPMONITORING_832_IMPORT' and an 'Edit' button. Below that, there is a 'Layer Type' section with a dropdown menu showing 'Bubble Layer'.
Select another model.	 The screenshot shows a 'Select Model' dialog box. It has two radio buttons: 'Existing Model' (selected) and 'No Model'. Below that, there is a 'Name' field with a search icon. A list of data sources is shown, including 'FIDS_ERPMONITORING_832_IMPORT' and 'My Files / Public / Models'. At the bottom, there is a 'Select other model...' button.

Choose the Geo-localized model from the **Public / Folders**

FIDS_ERPMONITORING_DS__832

My Files / Public / ModelsAll files

Name	Description	Ow
A4HDEMO_MIX_HOUR	A4H Internet Demo System Metrics (C I02:	
FIDS_ALERTS_47_453	IDS Alerts 47 453	Foc
FIDS_ERPMONITORING_832_IMP...	DS 832 without Geo enrichment	Foc
FIDS_ERPMONITORING_DS__832	DS 832 with geo enrichment from Exc	Foc

Select **Location** Dimension

Location Dimension

Location

Select **Bubble Color** to **Performance**.

Select **Bubble Size** to **Load**

Bubble Color

Performance

Bubble Size

Load

Press **OK** to exit the **Layer** Tab

Builder

Layer 1

Data Source

FIDS_ERPMONITORING_DS__832

Layer Type

Bubble Layer

Location Dimension

Location

Bubble Color

+ Add Measure/Dimension

Bubble Size

Load

Filters

Category (1)

Actual

+ Add Filters

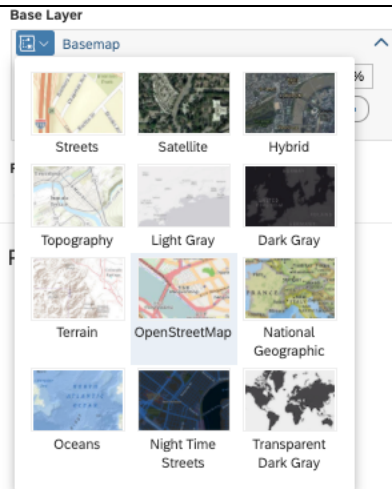
Cluster Properties

OK

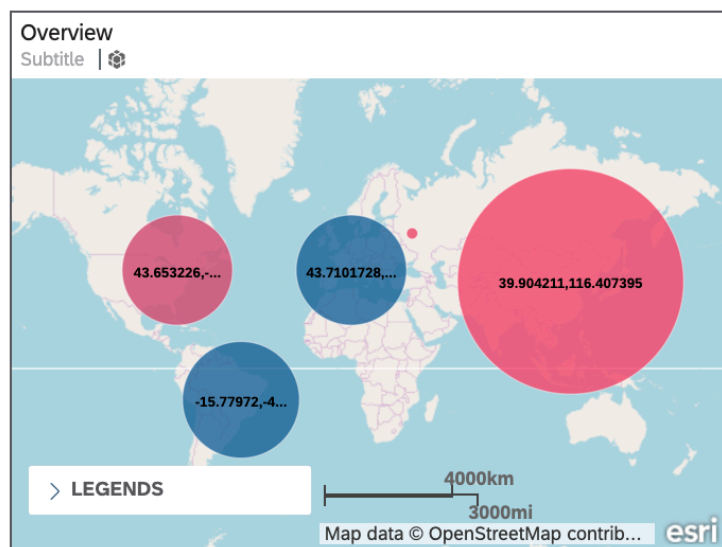
Change the **base Layer**

Select the **OpenStreetMap** layer.

Change Border



Check Result



Save Story

Congratulations !!

Thanks for participating.