



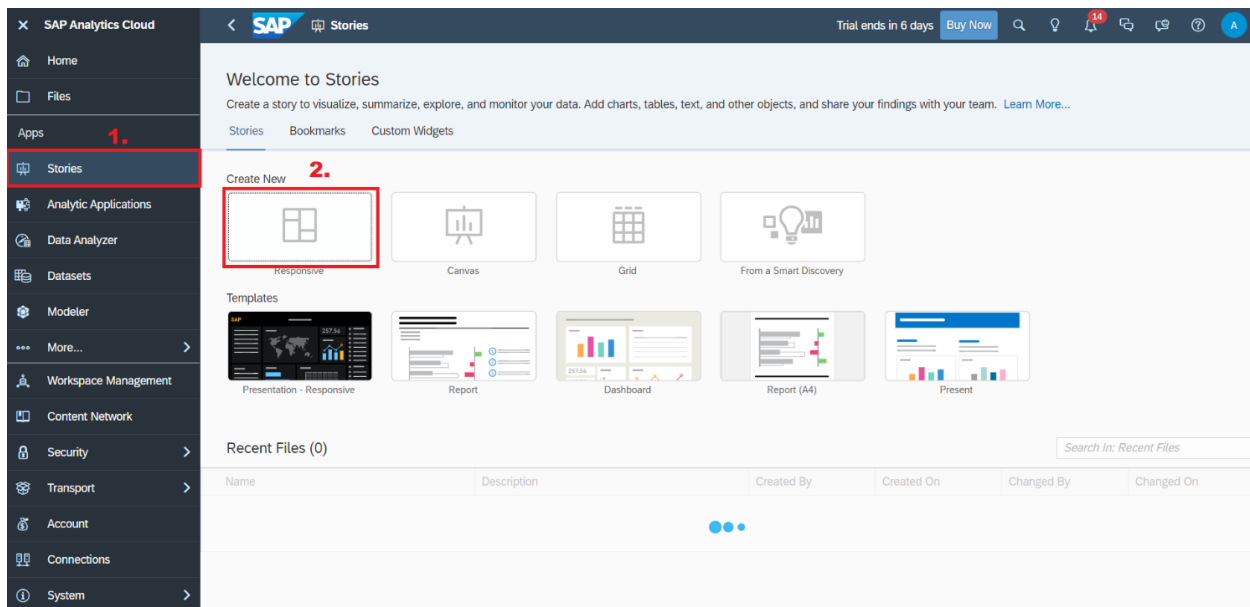
EDUNET FOUNDATION-Class Exercise Notebook

4.1 Practical- Get Started with Classic Design Experience

Now it's time to learn about the Classical design. Let's create new story.

Step-1: Directory to create story

1. Select **Stories** option
2. Click on **Responsive** option



3. Select **Classic Design Experience** and then click on **Create** button.

Select Design Mode Type



What design mode would you like to use?

☐ Optimized Design Experience

The Optimized Design mode provides an improved experience when designing dashboards. This mode has some useful new features, but it does not include all the features that are currently supported in the Classic Design mode.

[Learn More](#)

☒ Classic Design Experience

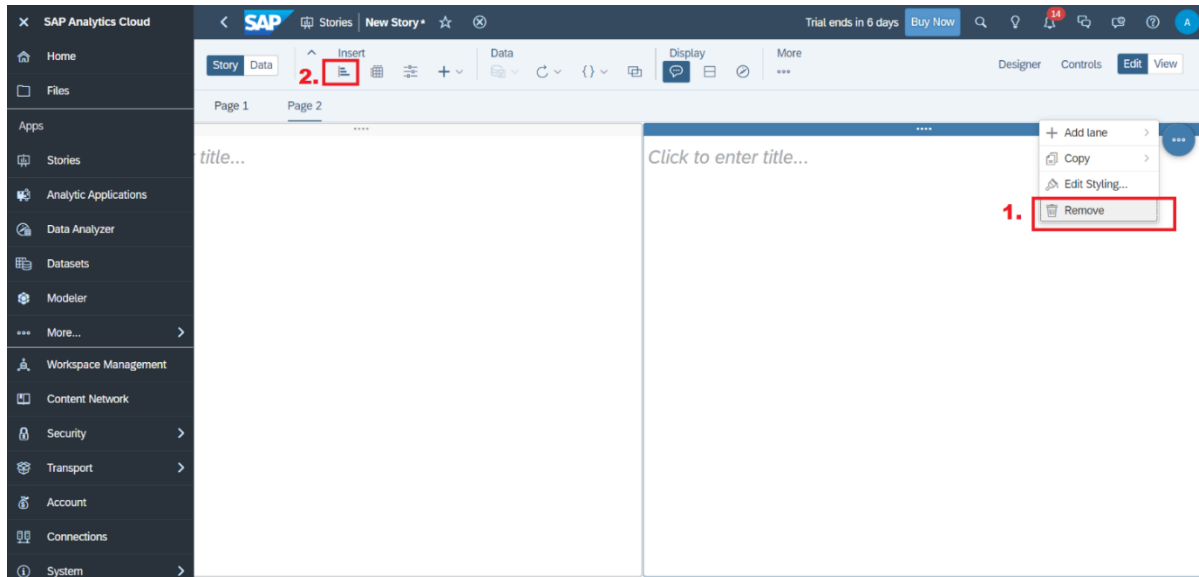
The Classic Design mode provides all the existing features and functionality you may have already used in SAP Analytics Cloud.

Create

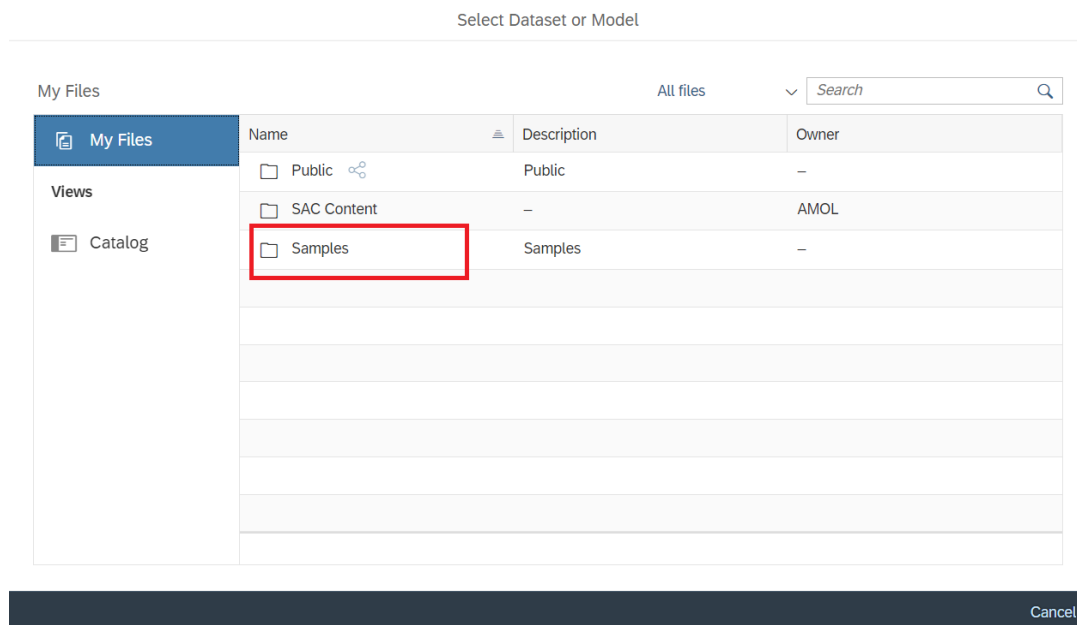
Cancel

Step-2: Setup Environment and path

1. Remove the second page. Click on 3 dots then select **Remove** option.
2. Now let's create first chart. Click on **Create new chart** option which is at number 2.



3. Click on **Samples** folder



4. Click on **BestRunJuice_SampleModel**

Select Dataset or Model

My Files / Samples All files Search

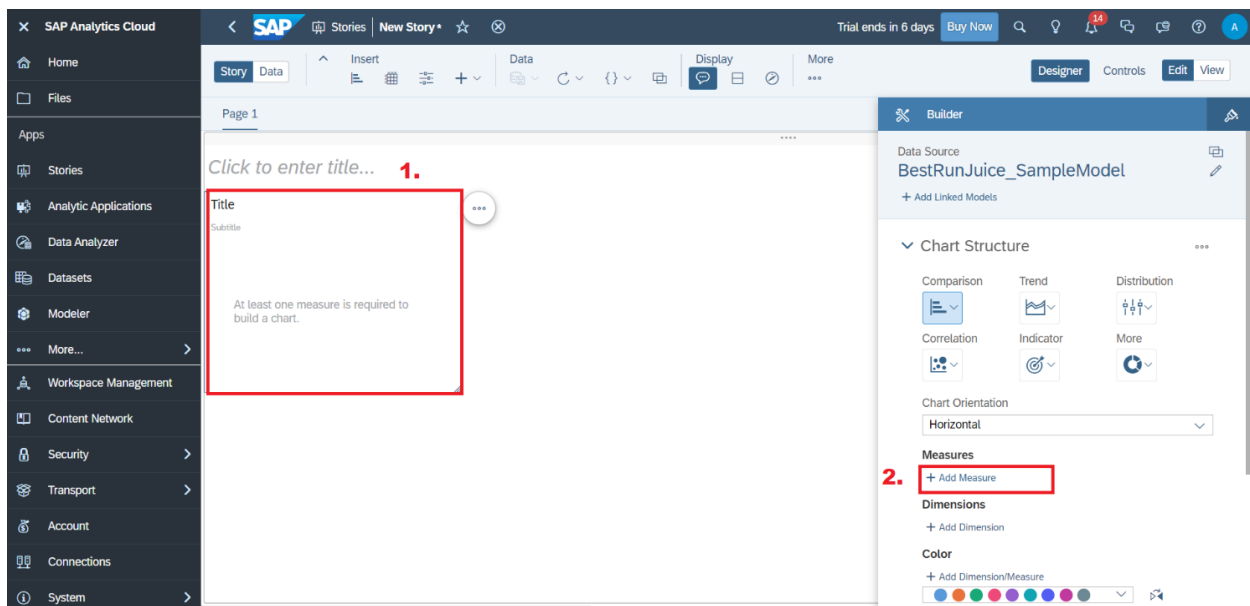
My Files	Name	Description	Owner
Views	BestRunJuice_Sample...	Model for the sample story	AMOL
	Planned_Events_Sam...	Model for sample	AMOL
Catalog			

Cancel

Step-3: Create New Measures

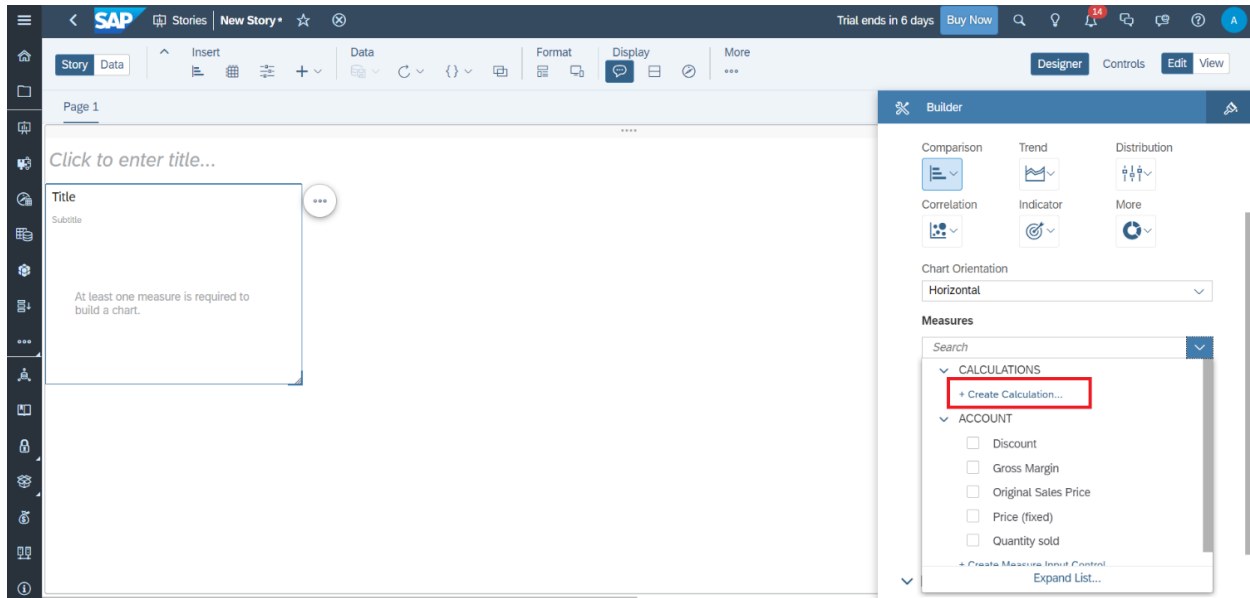
Now we must display the Gross margin in %. Let's learn to create measures.

1. Select chart
2. Click on **Add Measures**



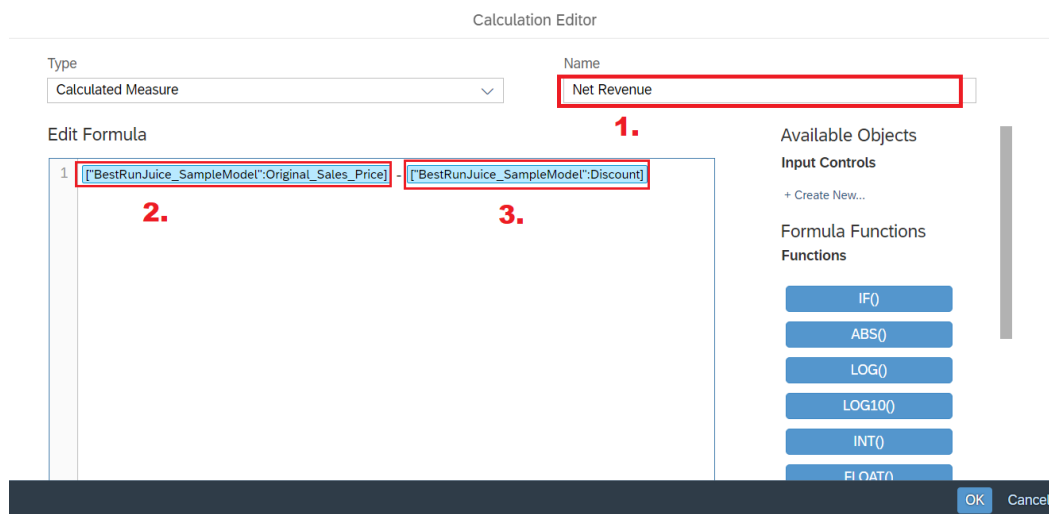
The screenshot shows the SAP Analytics Cloud interface. On the left is a navigation menu with options like Home, Files, Apps, Stories, Analytic Applications, Data Analyzer, Datasets, Modeler, and more. The main workspace displays a 'Click to enter title...' prompt with a red box around it, labeled '1.'. On the right, the 'Builder' panel is open, showing the 'Data Source' as 'BestRunJuice_SampleModel'. Under the 'Chart Structure' section, the 'Measures' button is highlighted with a red box and labeled '2.'. Below the 'Measures' button are sections for 'Dimensions' and 'Color'.

3. Click on **Add Calculations**

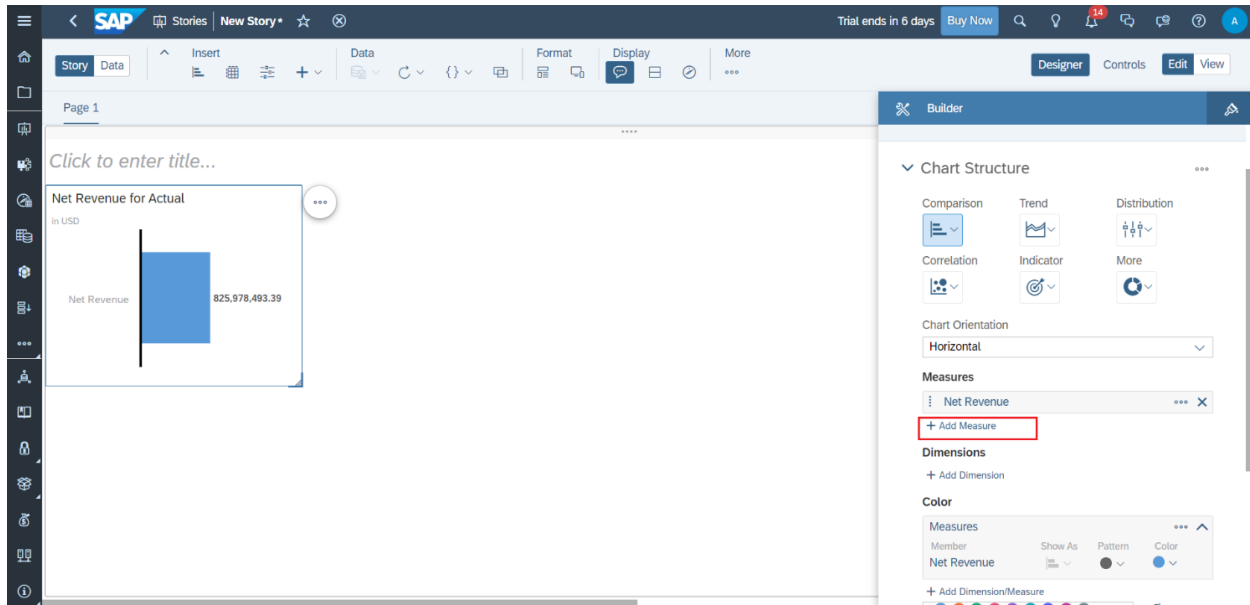


Step-4: Calculation Editor for Net Revenue

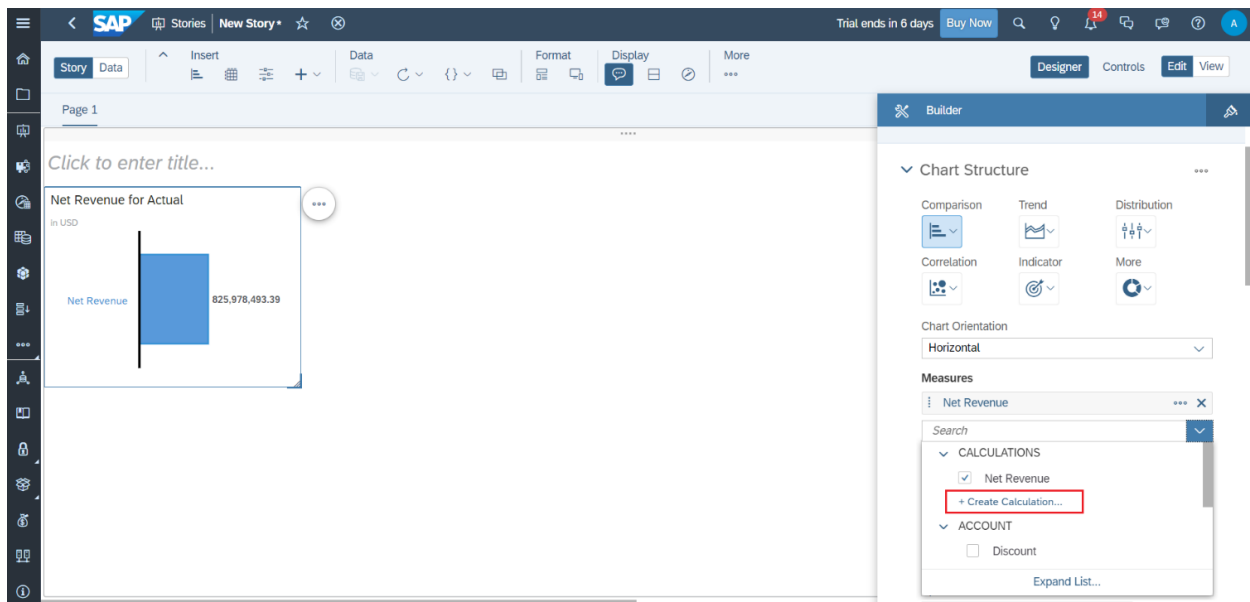
1. Write **Net Revenue** under Name
2. Type **Original sales Price** and select the autosuggest option.
3. Put the **minus** sign and again type **Discount** and select autosuggest option as shown in fig.



4. Now let's add one more measure. Click on **Add Measure**



5. Click on **Create Calculations**



Step-5: Calculation Editor for Gross Margin in %

1. Write **Gross Margin %** under Name
2. Type **Gross Margin** and select autosuggest option
3. Put **division** sign and type **Net Revenue** autosuggest option and then **multiply** by 100.

4. Click on **OK** button

Calculation Editor

Type: Calculated Measure

Name: **1.** Gross Margin %

Edit Formula

1. **2.** ["BestRunJuice_SampleModel":Gross_Margin] **3.** [#Net Revenue] * 100

Available Objects

Input Controls

+ Create New...

Formula Functions

Functions

IF()

ABS()

LOG()

LOG10()

INT()

FLOAT() **4.**

OK Cancel

4.2 Practical- Get Started with Numeric Point and it's styling

Step-1: Plotting Numeric Point chart.

1. Now under the indicator select **Numeric Point** Option.
2. Select **Gross Margin %** and remove the **Net Revenue** option

SAP | Stories | New Story* | Trial ends in 6 days | Buy Now

Page 1

Click to enter title...

Gross Margin %, Net Revenue for Actual

in USD, --

\$825,978,493.39

Net Revenue (USD)

28.46

Gross Margin %

Builder

Chart Structure

Comparison

Trend

Distribution

Correlation

Indicator **1.** 22

More

Measures

Primary Values

2. Net Revenue

Gross Margin %

+ Add Measure

Secondary Values

+ Add Measure

Color

+ Add Threshold

Filters

Category (1)

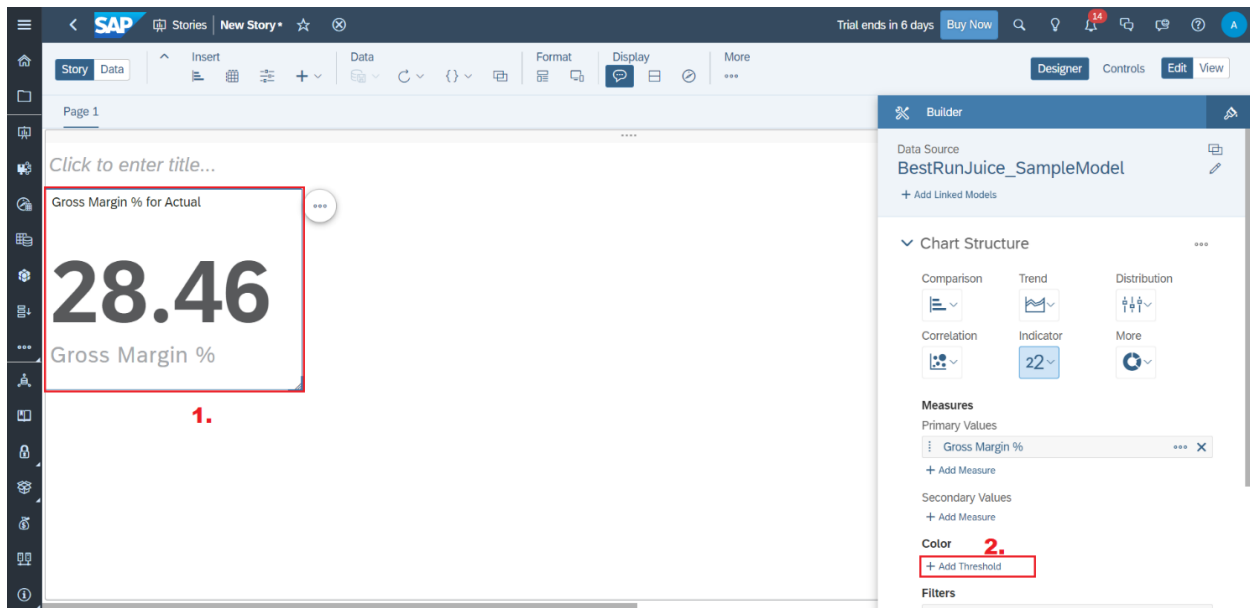
Actual

+ Add Filters

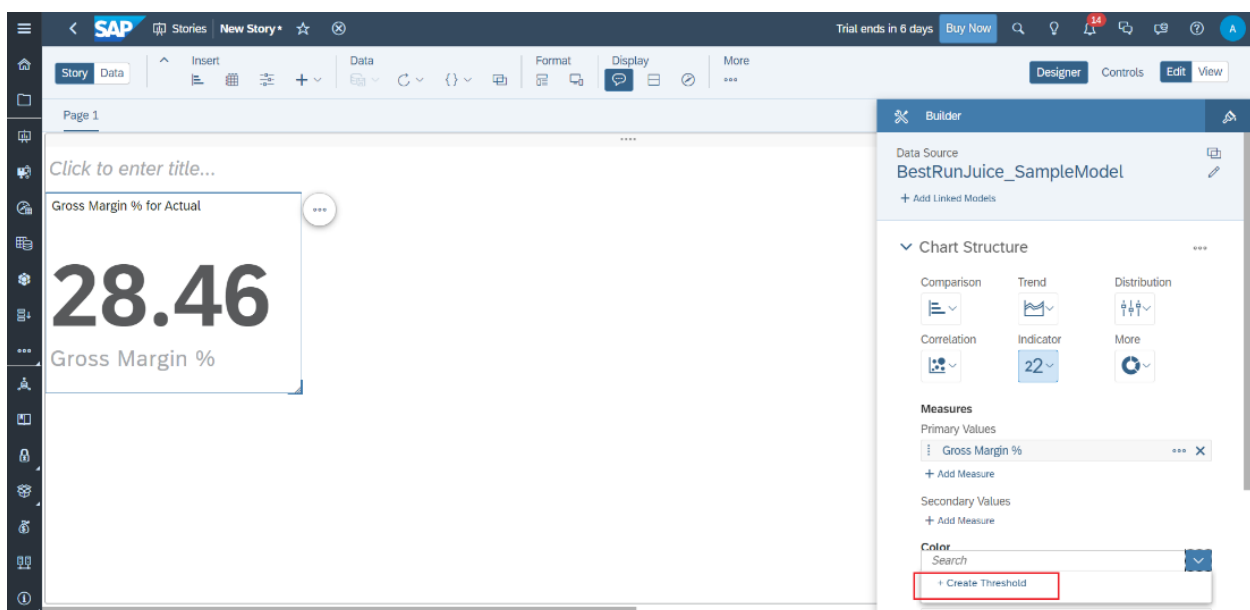
You will see gross Margin in percentage. Let's put threshold to it.

Step-2: Conditional Formatting

1. Select **Chart**
2. Click on **Add Threshold** under the colour



3. Select **Create threshold.**



Step-3: Selecting appropriate options



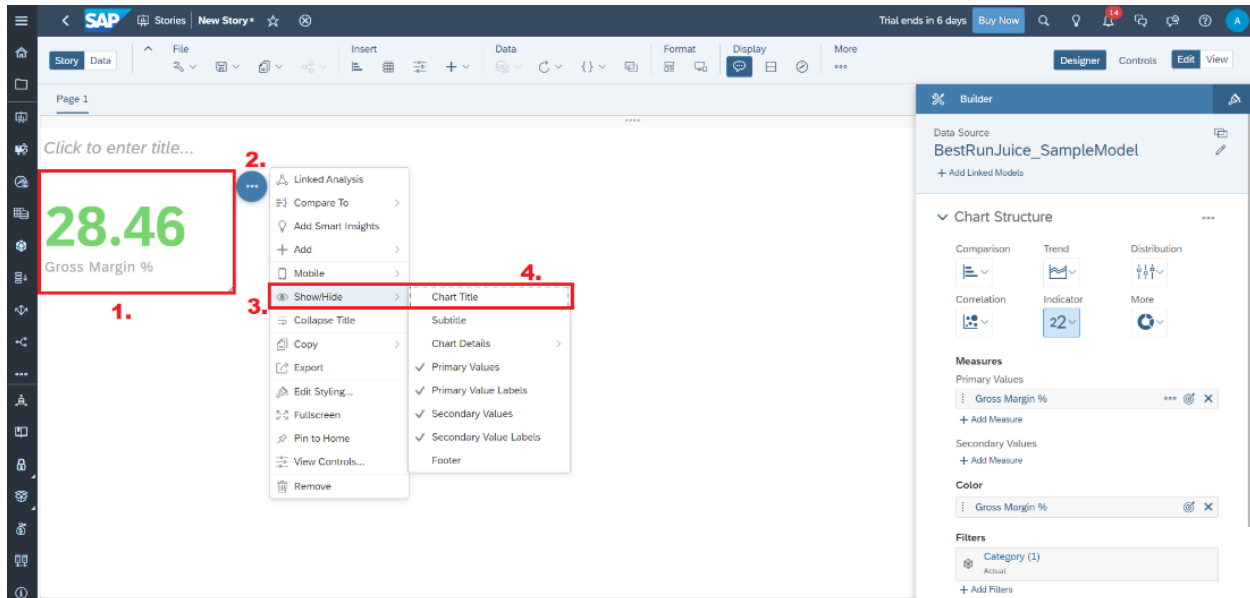
1. Select **Gross Margin %** under Measure
2. Select **Colour** then **Status** followed by the **limit**
3. After adding each detail always clicked on the Add Range
4. Click on **Apply** button

The screenshot shows the SAP Analytics Cloud interface. On the left, a KPI card displays 'Gross Margin % for Actual' with a value of 28.46. On the right, the 'Thresholds' panel is open. It shows the 'Measure' dropdown set to 'Gross Margin %' (highlighted with a red box and '1.'). Below, the 'New Threshold' dialog is open, showing the 'Compare To' dropdown set to 'Number Range'. The 'Ranges' table has three rows: 'OK' (highlighted with a red box and '2.'), 'Warni...' (Warning), and 'Critical'. The 'OK' row has values '0.2' and 'Max'. The 'Warni...' row has values '0.1' and '0.2'. The 'Critical' row has values 'Min' and '0.1'. The '+ Add Range' button is highlighted with a red box and '3.'. The 'Apply' button at the bottom is highlighted with a red box and '4.'.

Step-4: Hiding of the Chart Title

Now look in the chart the number turn to green, if you want to hide the title then follow the steps:

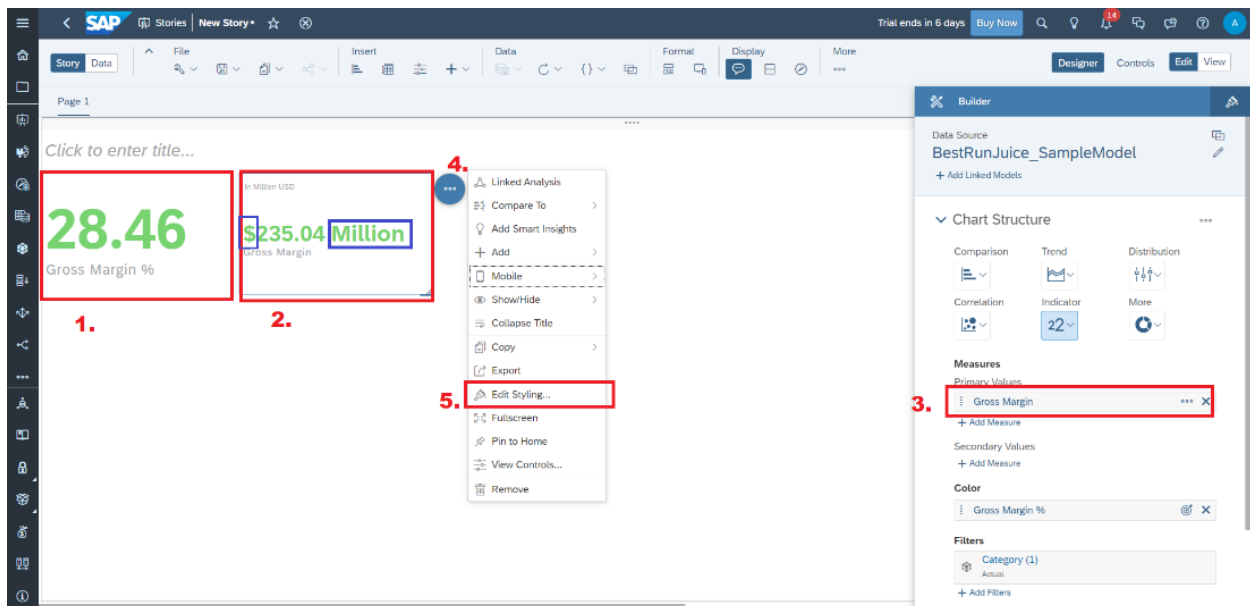
1. Select the **Chart**
2. Click on the **3 dots**
3. Select **Show/Hide**
4. Select **Chart Title**



Now let's insert another numeric point chart.

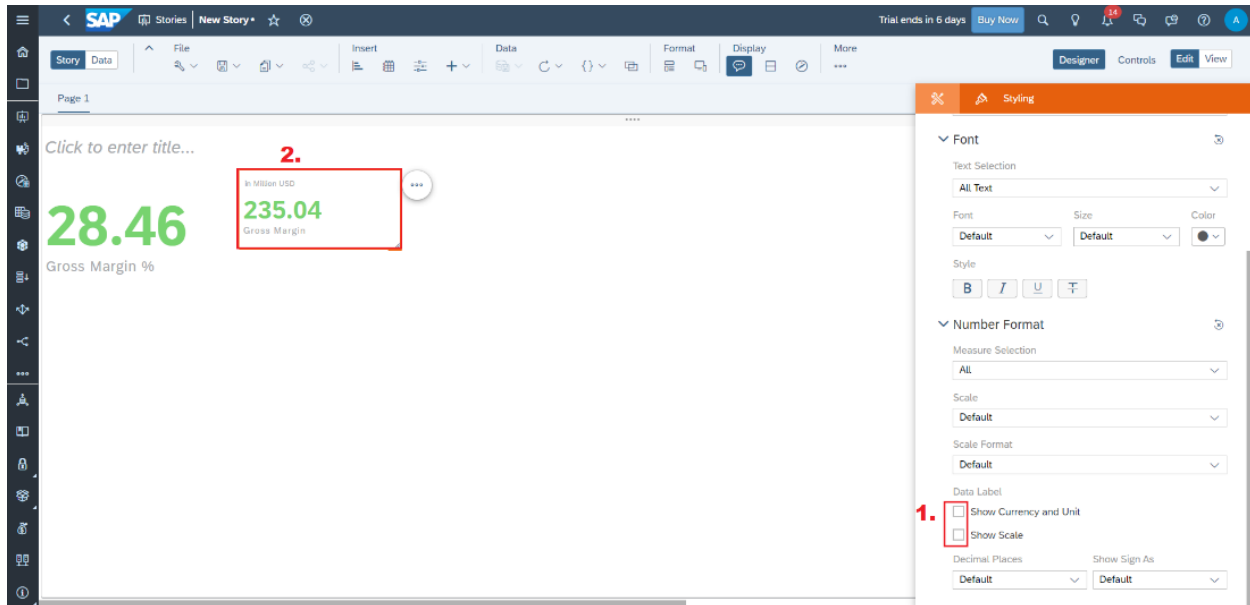
Step-5: Removal of symbols and units

1. Copy the **Chart**
2. Paste the chart at number **2.**
3. Select the **Gross Margin** under the measures
4. Now if you want to remove the **Doller** symbol and **Million** Click on **3 dots**
5. Select **Edit Styling**



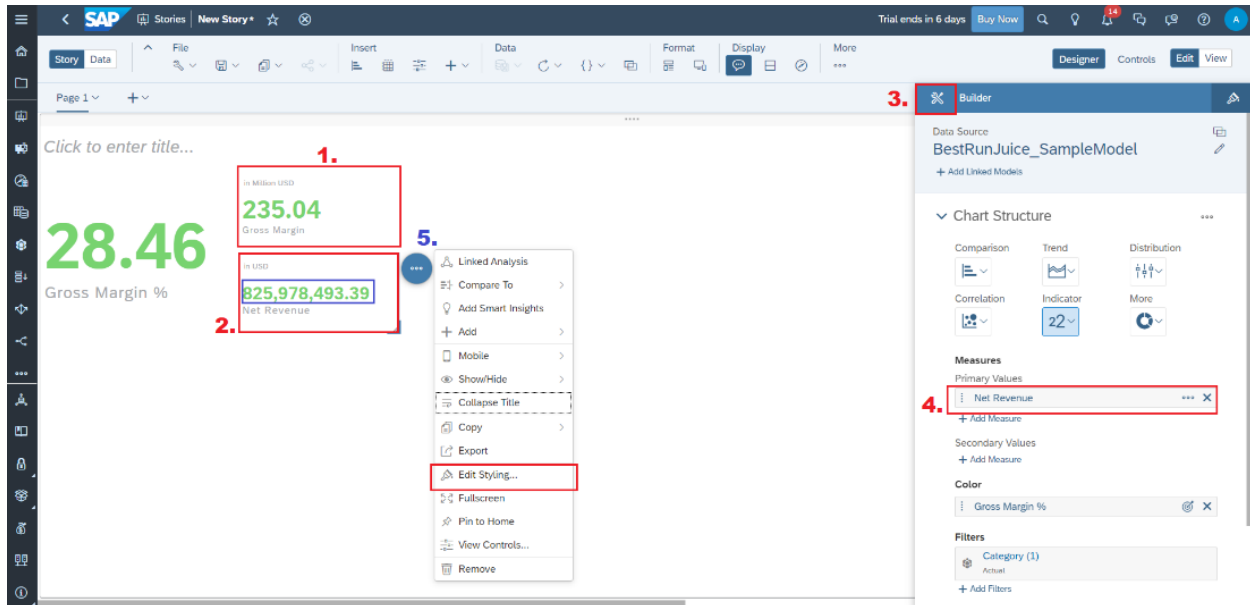


6. Scroll down and uncheck two options at number 1.
7. See the Dollar symbol and Million unit is removed

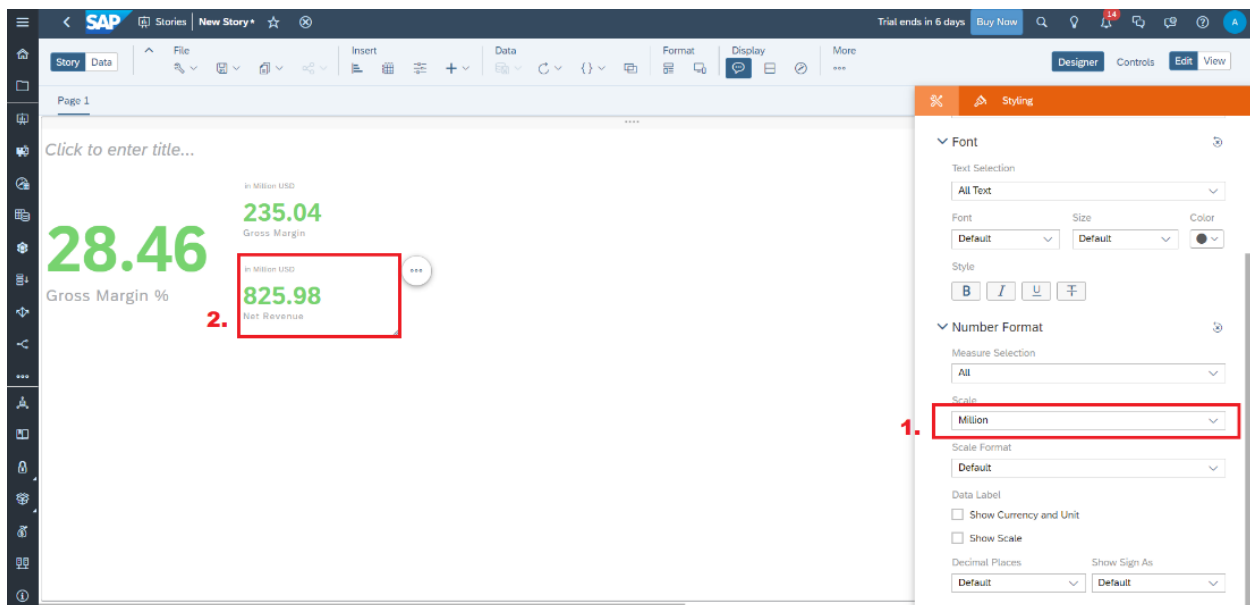


Step-6: Modify the scale

1. Copy the chart at number 1.
2. Paste the chart at number 2.
3. Click on the **Builder**
4. Select **Net Revenue** Under the Primary Value
5. Click on the **3 dots**
6. Select **Edit Styling** and convert the currency to **Millions**



7. Select **Million** option under the Scale option at number 1.
8. See the unit has been change and converted to **Million**

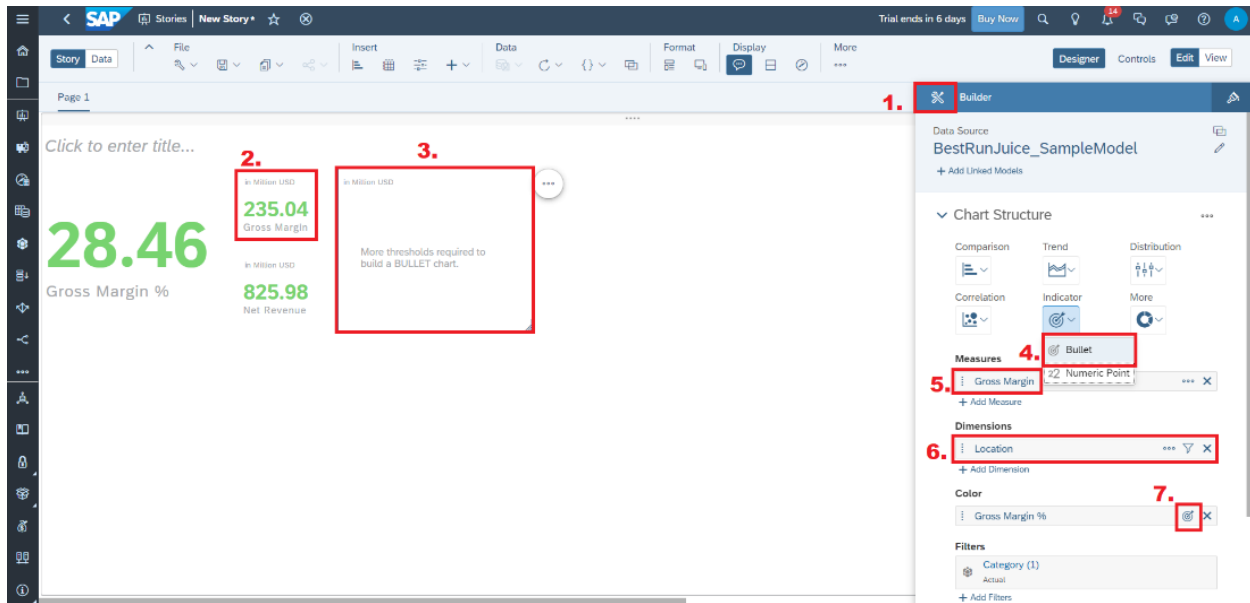


4.3 Practical- Get Started with Bullet and it's styling

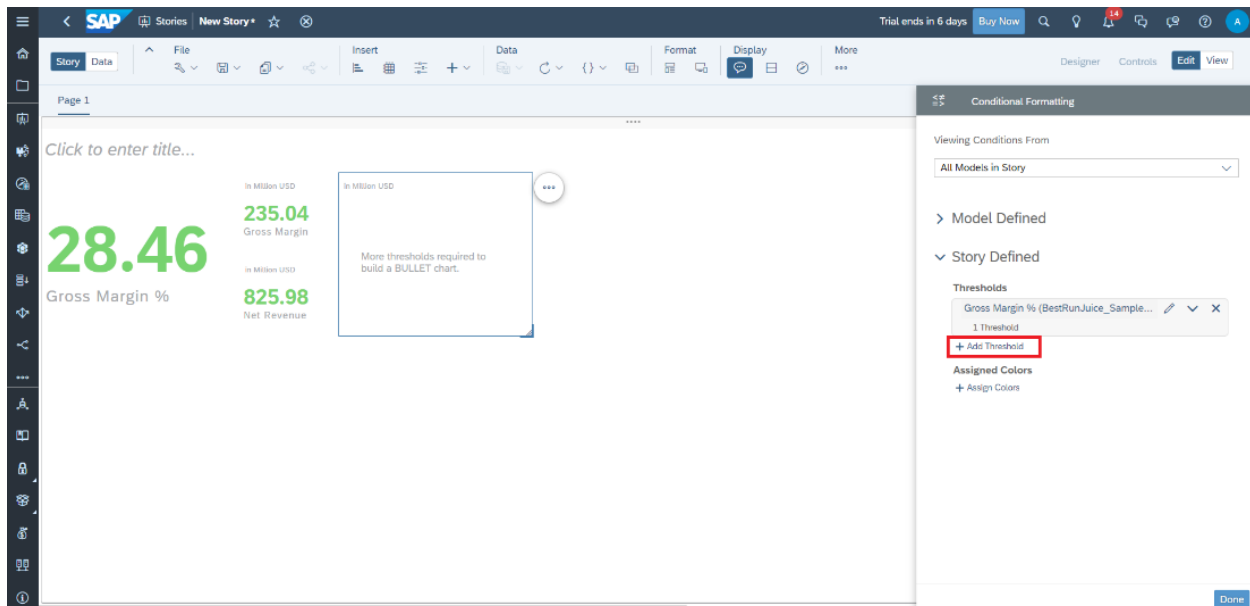
Step-1: Plotting Bullet Chart

1. Select the **Builder**
2. Copy the chart
3. Paste it at number 3.
4. Select the **Bullet** option under the indicator

5. Select the **Gross Margin**
6. Select the **Location** under the Dimensions
7. Click on the **threshold** option under the colour and then select **View all Threshold**



8. Click on **Add Threshold**



Step-2: Conditional Formatting

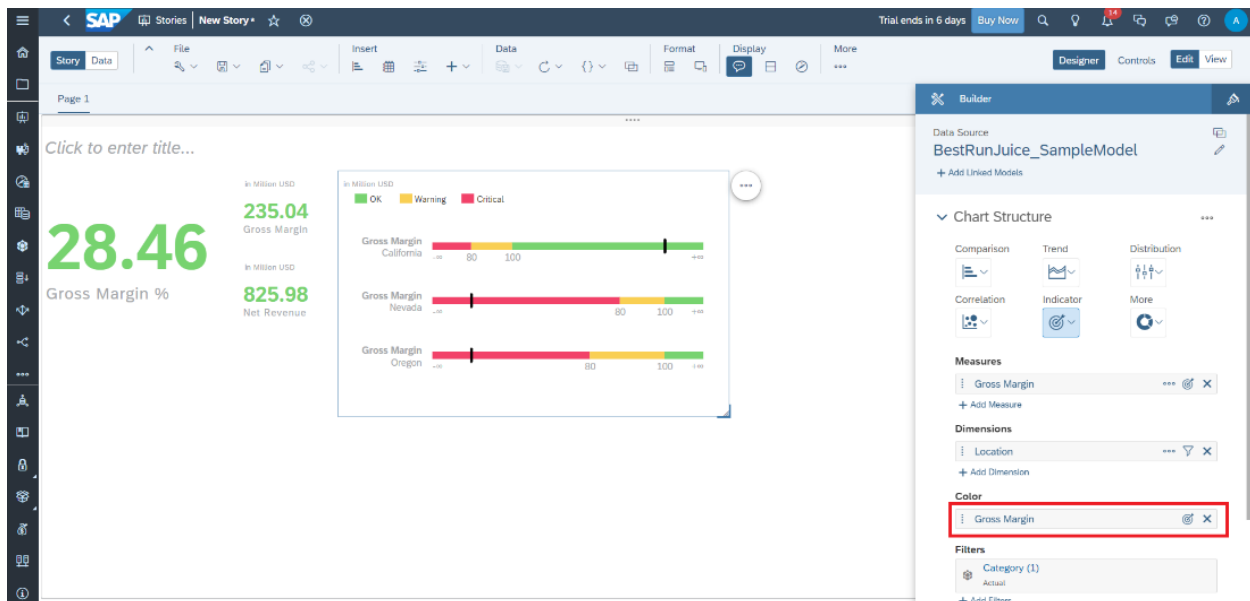
1. Select **Gross Margin** under the Measure



2. Add the Ranges,
 - a. For the **green colour** keep the status **Ok** and minimum value as **10000000**
 - b. For the **yellow colour** keep the status as **Warning**, minimum value as **80000000** and maximum value is **100000000**
 - c. For the **red colour** keep status as **Critical**, minimum value as **blank** and maximum value as **100000000**
3. Click on **Apply** button

4. Click on the **Done** Option

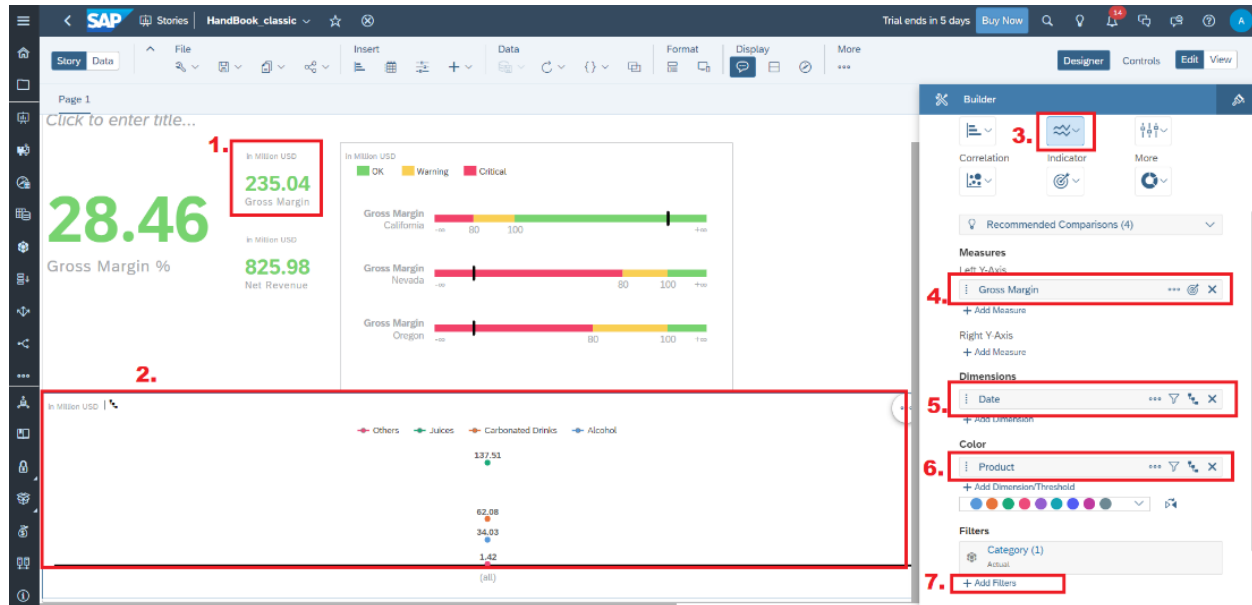
5. Now select the **Gross Margin** under the colour option and **expand** the chart.



4.4 Practical- Get Started with Line chart and it's styling

Step-1: Plotting Line Chart

1. Copy the chart
2. Paste at number 2.
3. Select the **Line chart** under the Trend option
4. Select the **Gross Margin** under the Measures
5. Click on the **Date** Option under the dimensions
6. Select the **Product** under the Colour
7. Click on **Add Filters**



8. After applying filter then check 3 Products at number 1.
9. Click on **OK**

Set Filters for Product

Available Members

Show unbooked members ☐

Exclude selected members ☐

- > ☒ Alcohol
- > ☒ Carbonated Drinks
- > ☒ Juices
- > ☐ Others

Selected Members

Alcohol

Carbonated Drinks

Juices

[Clear Selection](#)

Settings for Users

☒ Allow viewers to modify selections

☐ Allow viewers to delete filter

☐ Hide in Controls Panel

Multiple Selection

2. **OK** Cancel

Step-2: Select appropriate options

Click again on **Add Filters** and then select **Date Range** option.

1. Select **Fixed**
2. Select **Year, Quarter, Month**
3. Select the Granularity as **Quarter**



4. Check the Allow viewers to modify selections
5. Check the Unrestricted Drilling
6. Click on **OK** button

Set Date Range for Date

Type **1.** ☒ Fixed

Hierarchy **2.** Year, Quarter, Month

Range 1 : Q1, 2014 - Q4, 2016

Granularity **3.** Quarter 2014 Q1 to 2016 Q4

+ Add a New Range

4. Settings for Users

☒ Allow viewers to modify selections

☐ Allow viewers to delete filter

☐ Hide in Controls Panel

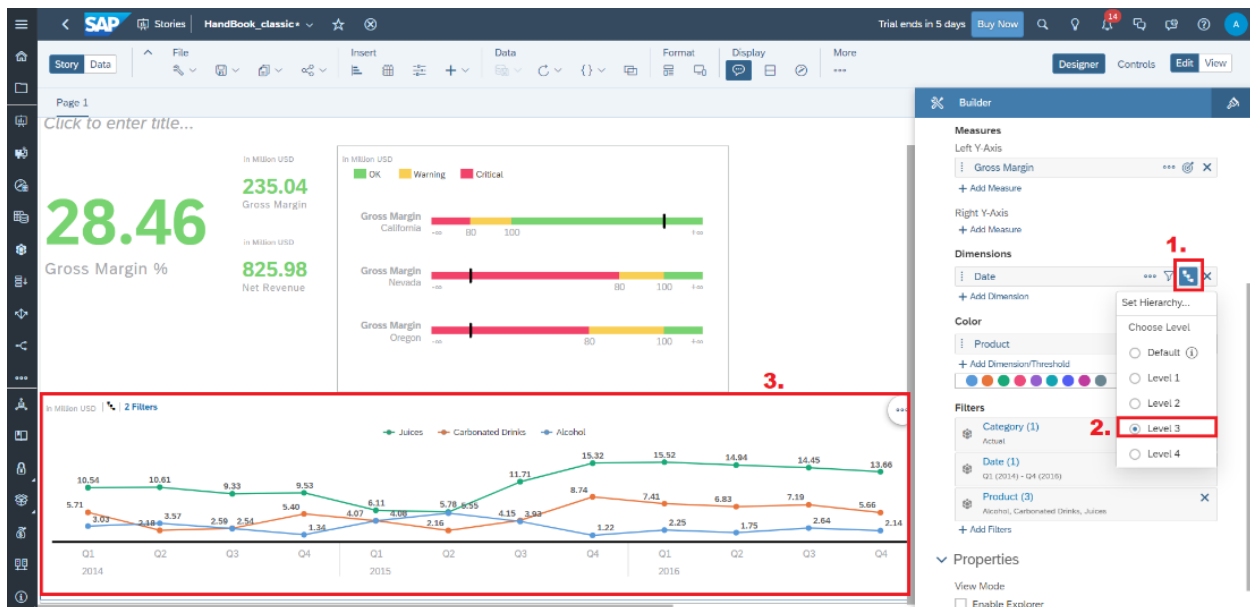
☒ Unrestricted Drilling

5. Multiple Selection ☐ Display entire range slider

6. **OK** Cancel

Step-3: Change Hierarchy for Date

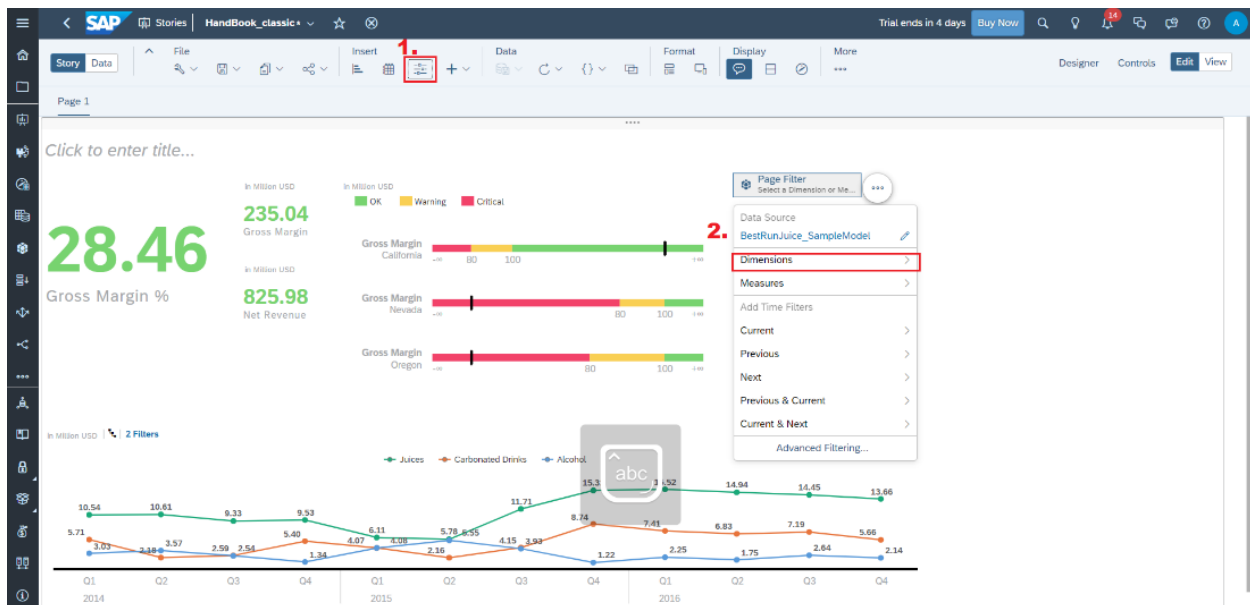
1. Click on the **blue icon** of Hierarchy at number **1.**
2. Select the **Level 3** Option



4.5 Practical- Get Started with Input control

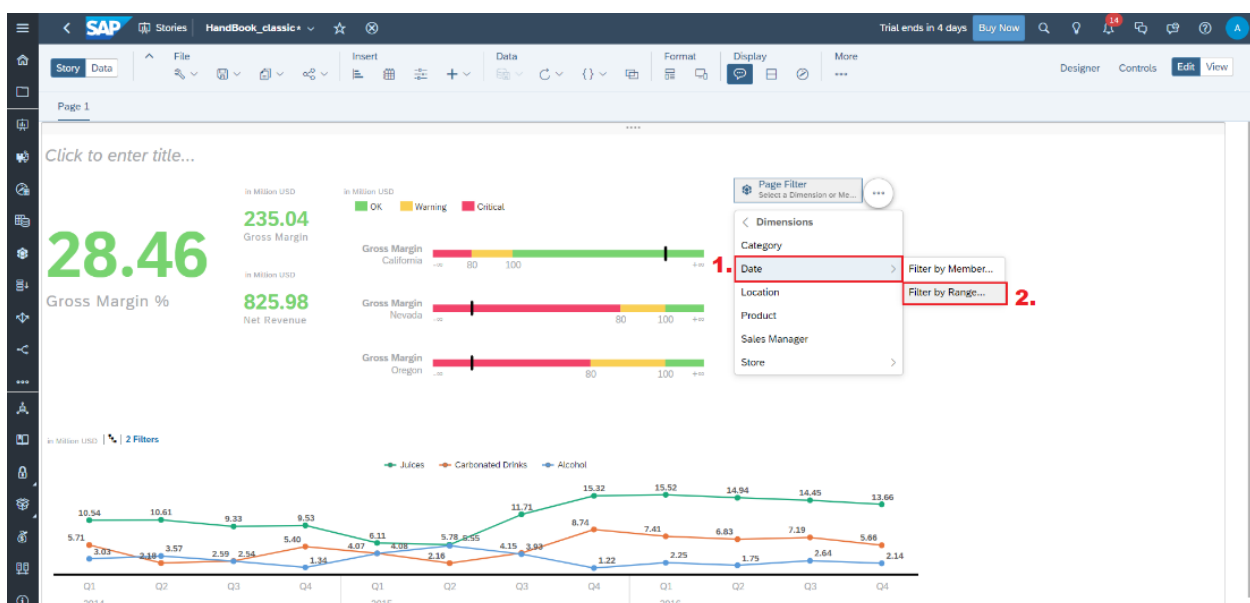
Step-1: Locating Input Control for date slider

1. Select the **Input Control** option
2. Select the **Dimensions**



Step-2: Selecting dimensions for Date Filter

1. Select the **Date**
2. Select **Filter by Range** option





Step-3: Select appropriate options

1. Select on **Fixed**
2. Select Hierarchy as **Year, Quarter, Month**
3. Select the Granularity level as **Quarter**
4. Click on **OK**

Set Date Range for Date

Type **1.** ☐ Dynamic ☒ Fixed

Hierarchy **2.** Year, Quarter, Month

2014 2015 2016 2017

▼ Range 1 : Q1, 2014 - Q4, 2016 ×

Granularity **3.** Quarter 2014 Q1 to 2016 Q4

+ Add a New Range

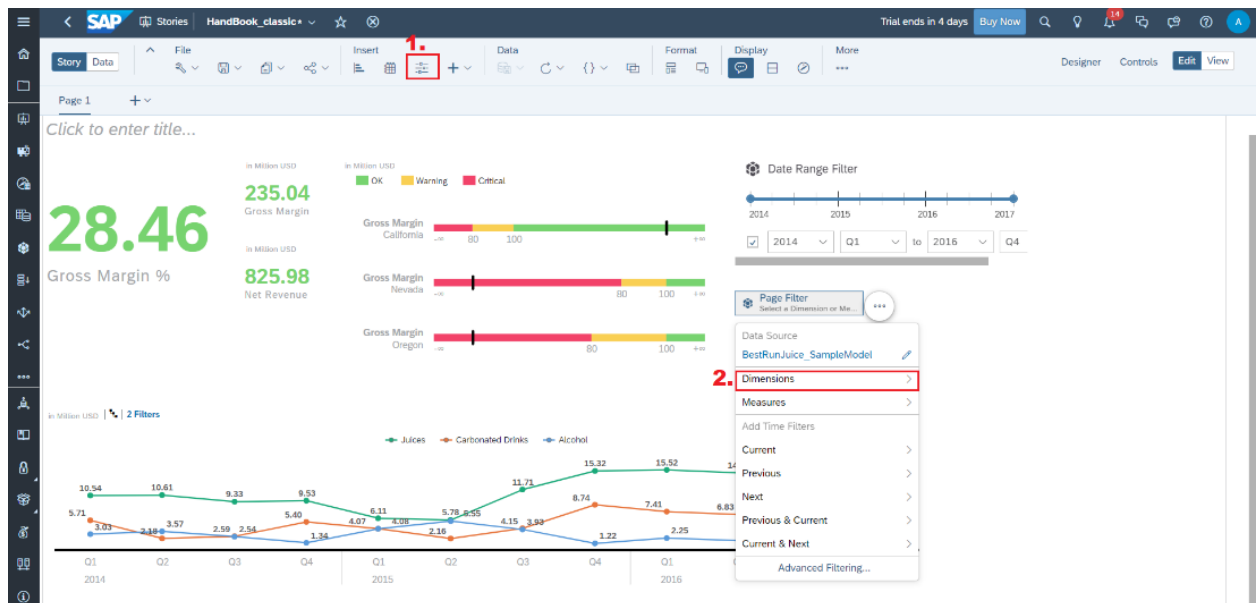
Settings for Users

☒ Allow viewers to modify selections

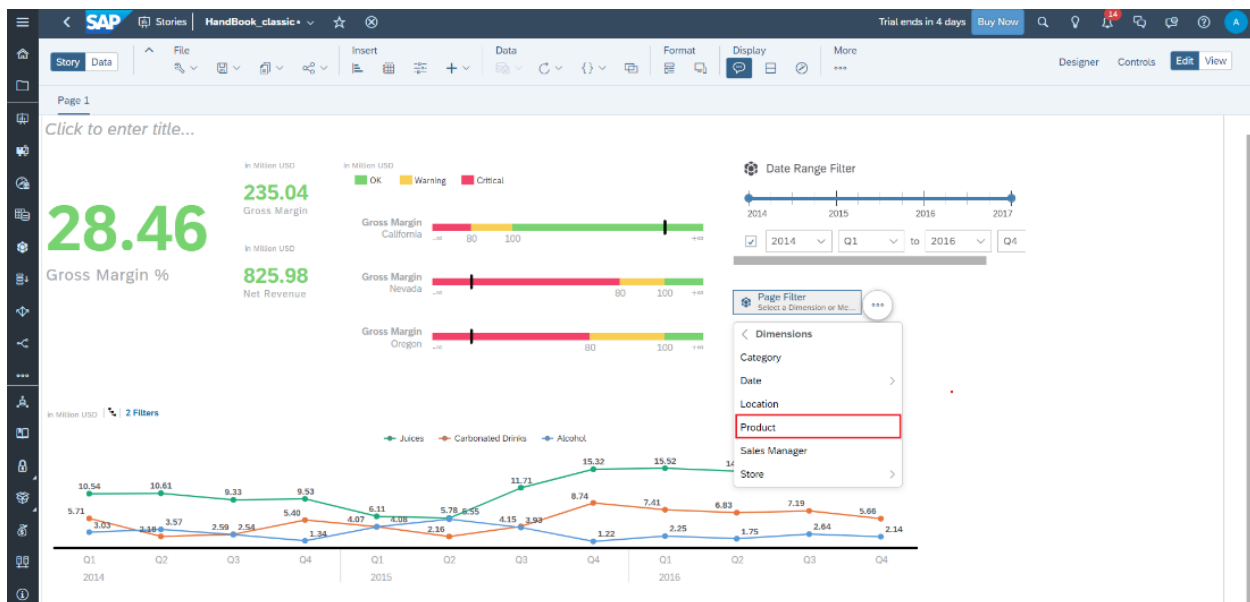
Multiple Selection ☐ Display entire range slider

4. OK Cancel

Step-4: Locating Input Control for Product



1. Click on the **Input Control**
2. Select the **Dimensions** option
3. Click on the **Product**



4. Check 3 Products at number **1**.
5. Click on **OK** button



Set Filters for Product

Available Members

Show unbooked members ☐

Exclude selected members ☐

☐ All Members

☒ Alcohol
☒ Carbonated Drinks
☒ Juices
☐ Others

Selected Members

Alcohol
Carbonated Drinks
Juices

Clear Selection

Settings for Users

☒ Allow viewers to modify selections

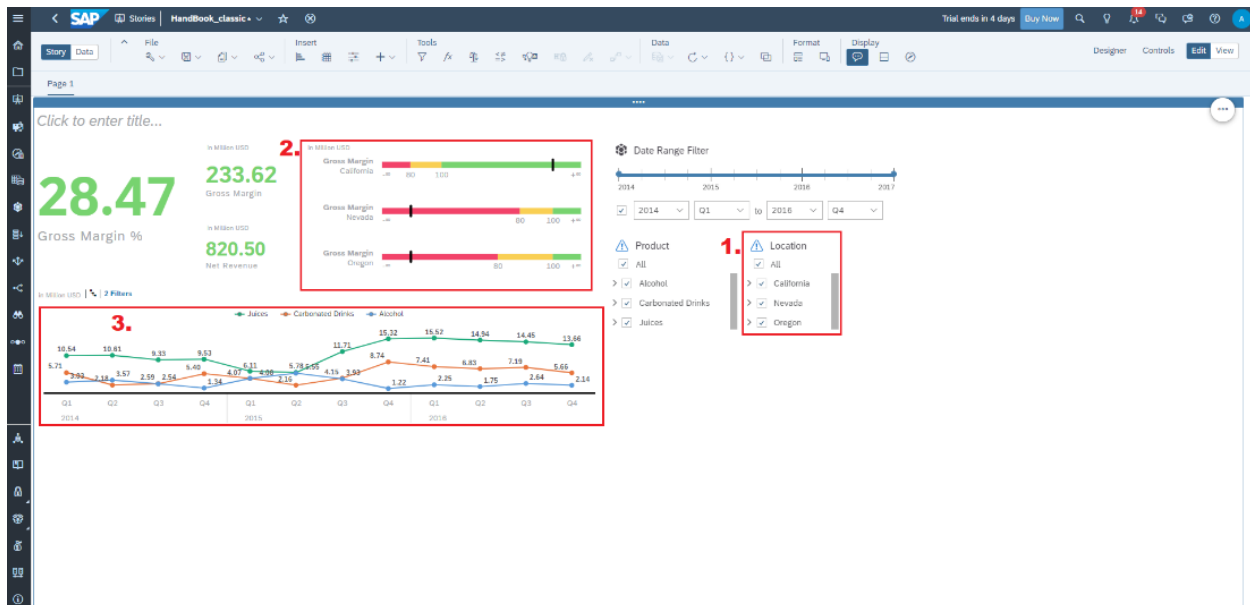
Multiple Selection Hierarchy

OK

Cancel

Step-5: Locating Input Control for Location

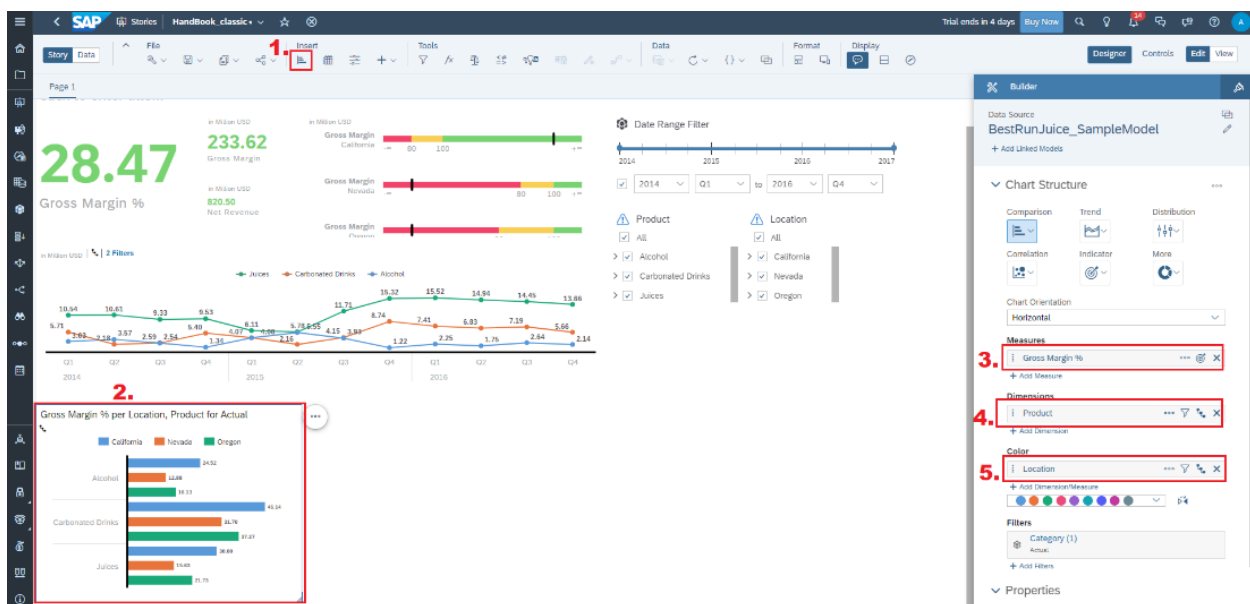
1. Similarly, repeat step 4 for **Location**
2. Now remove the **Legends** to fit the other charts, Select the **Chart**--->Click on **3 dots**---> Select **Show/Hide** ---> Click on **Legend** option
3. Then reduce the size by drag and drop at right bottom of charts



4.6 Practical- Get Started with Bar chart and it's styling

Step-1: Plotting Bar Chart

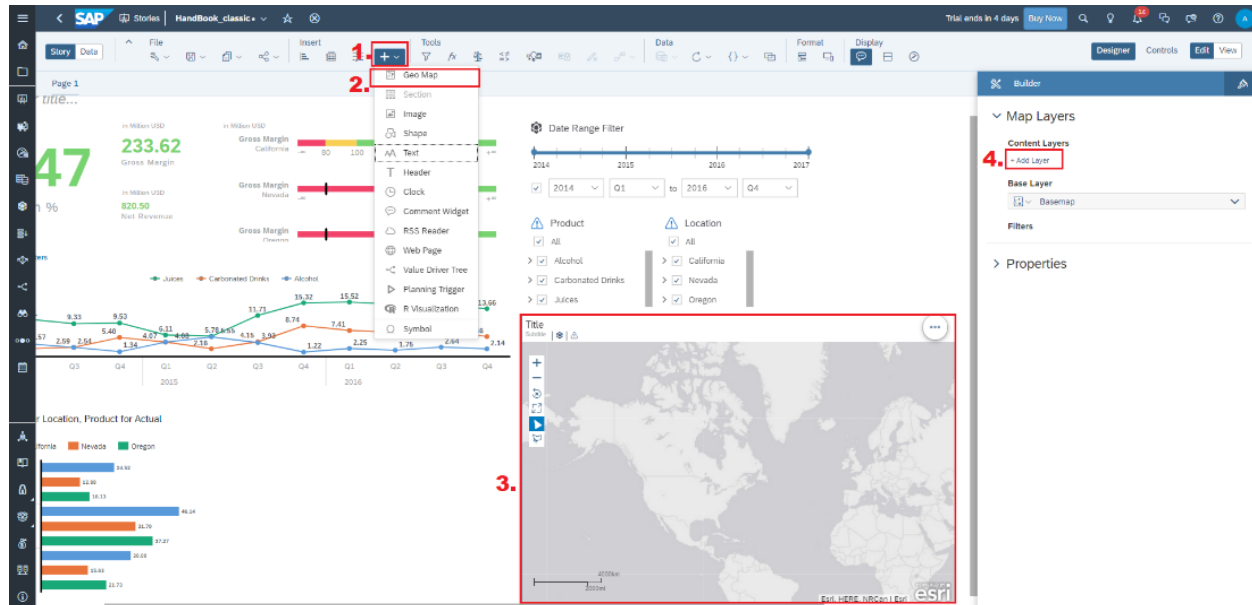
1. Create **new chart** number **1**.
2. Select the **chart**
3. Select the **Gross Margin** under Measures
4. Select the **Product** under Dimensions
5. Select the **Location** under the Colour



4.7 Practical- Get Started with Geo map

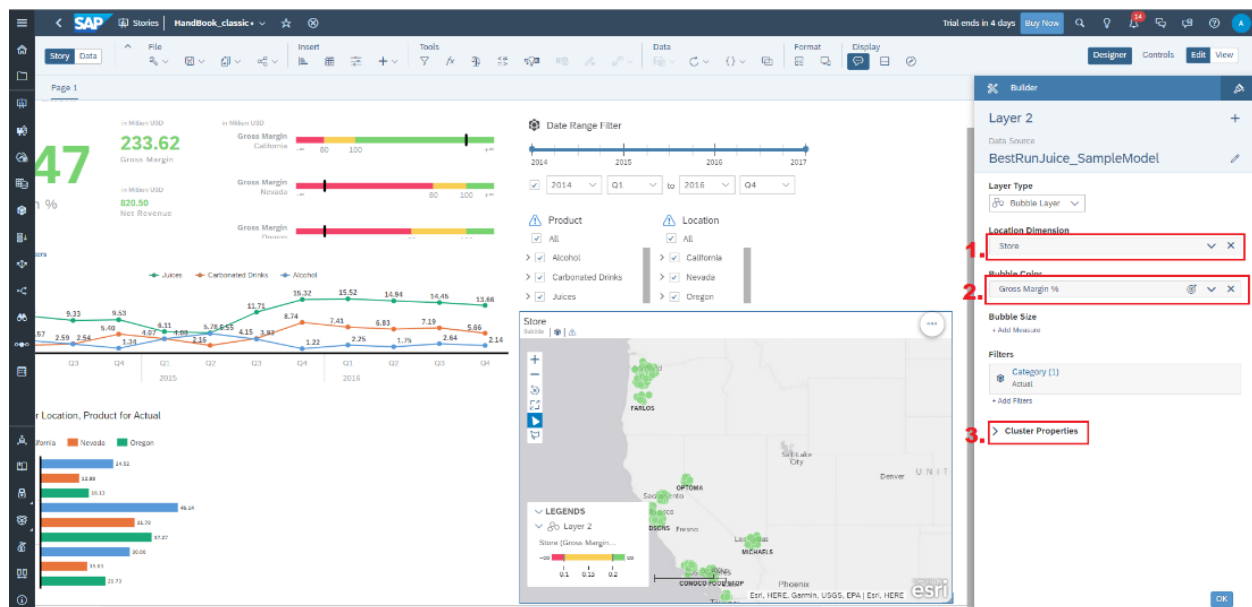
Step-1: Locating Geo Map

1. Click on the **Plus icon**
2. Select the **Geo Map**
3. Then the change location of the chart
4. Select **Add Layer** under Content Layers



Step-2: Select appropriate options for Layer 2

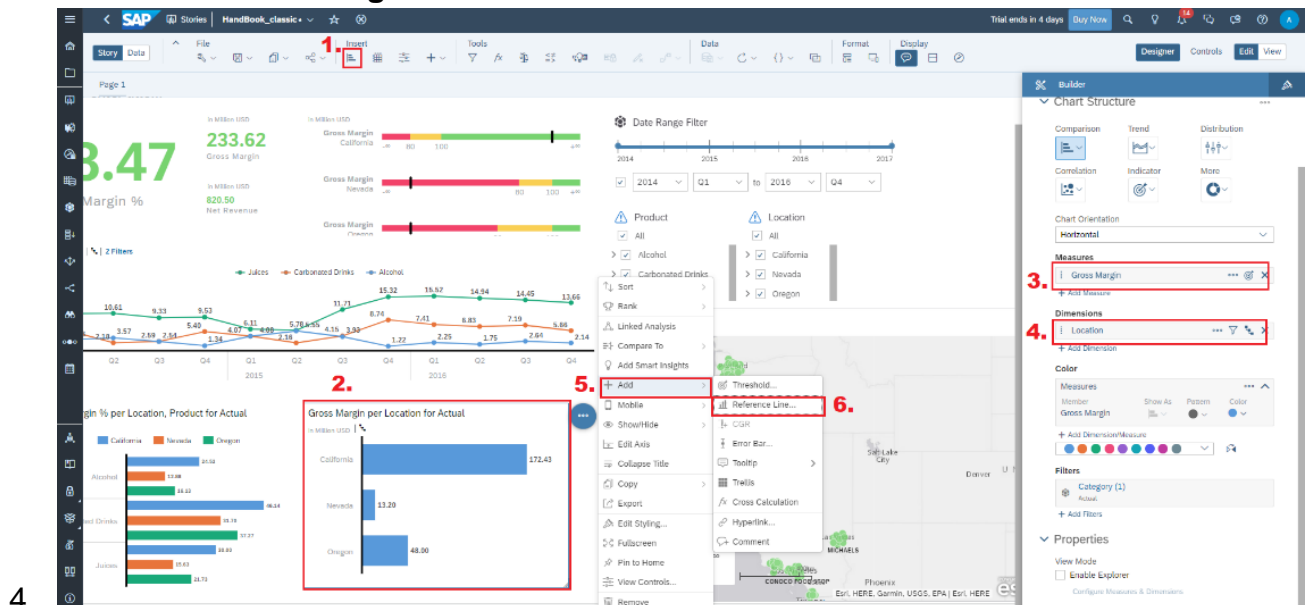
1. Select **Store** under the Location Dimensions
2. Select **Gross Margin %**
3. If you want to change **Cluster Properties**



4.8 Practical- Get Started with addition of Reference Line

Step-1: Locating Reference Line option

1. Create new chart
2. Relocate it at number 2.
3. Select the **Gross Margin** as Measures



4. Select the **Location** under the Dimensions
5. To add the reference line, select the chart then click on **3 dots** and select the **Add Option**
6. Select the **Reference Line**

Step-2: Select appropriate options

1. Select the **Dynamic** option
2. Select **Gross Margin** under the measure
3. Select **Average** under Aggregation
4. Click on **OK**



Create Reference Line

Type
☐ Fixed ☒ **Dynamic** 1.

Measure
 2.

Aggregation

Version
 3.

Label

Above Below Line ☒ Label ☒

Chart Filters
No filters have been applied to this chart

Reference Line Filters
[+ Add Filters](#)

4. Cancel

Step-3: Save the story

Now it's time to save the story

1. Click on **blue** icon at number 1.
2. Click on **Save**

4.9 Result:

Now you learnt how to create the beautiful stories from business perspective, explore more about it and try to create your own stories. Now let's add some augmented analytics on the top of this stories to make most of it. Let's start with another interesting lab.