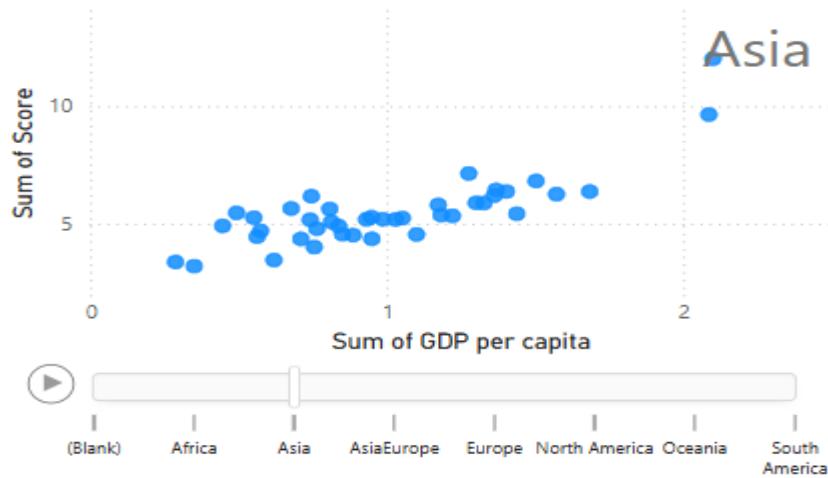


Scatterplot

Sum of GDP per capita and Sum of Score by GDP per capita and Continent

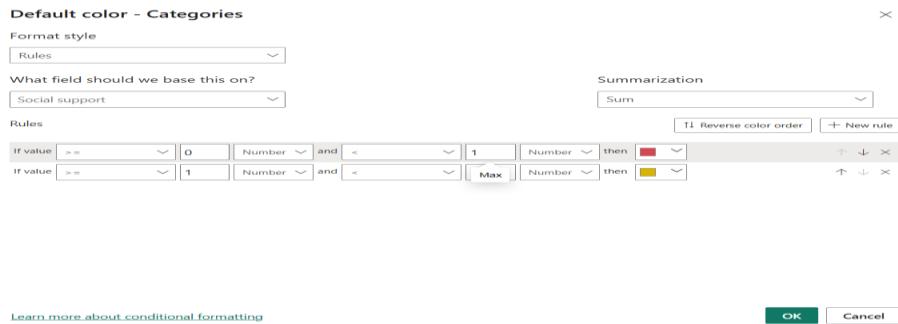
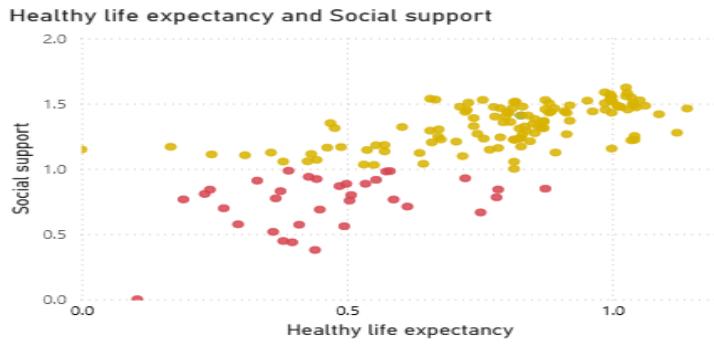


STEPS:

1. Go to the **Visual Format Pane** (select your chart).
2. Select the **Scatter Chart** visualization type.
3. Drag and drop the following fields:
 - **X-axis: GDP per capita**
 - **Y-axis: Score**
 - **Values: GDP per capita**
 - **Play axis: Continent**
4. This Scatter chart is showing positive
5. Adjust formatting and enable the Play Axis to animate continent-wise data movement.

INSIGHT:

- The chart shows a positive relationship between GDP per capita and Score, meaning that as GDP per capita increases, the Score tends to increase too.
- The Asia continent shows the highest GDP per capita and score values, indicating better economic performance and overall higher living standards compared to other continents.
- Other continents, such as Africa, cluster toward the lower GDP and score region, showing economic disparities across continents.

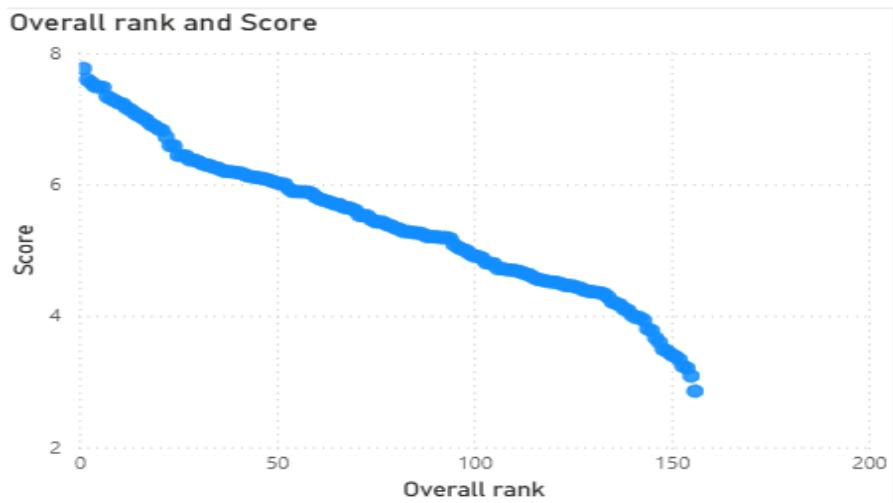


STEPS:

1. Go to the **Visual Format Pane** (select your chart).
2. Select the **Scatter Chart** visualization type.
3. Drag and drop the following fields:
 - **X-axis: Healthy Life Expectancy**
 - **Y-axis: Social Support**
 - **Go to Format Your Visual → Markers → Shape → Colour → [Fx] (Conditional Formatting).**
4. Inside the **Fx** window, set the condition based on “**Social Support**”:
5. If Social Support is between 0 and 1 → Red colour
6. If Social Support is between 1 and 2 → Green colour (or Yellow as shown)
 - **Click OK to apply** the colour-based formatting.

INSIGHT:

- The scatter plot shows a positive correlation between Healthy Life Expectancy and Social Support.
- Countries with stronger social support systems tend to have higher healthy life expectancy.
- The red cluster (low support) appears in the lower-left region, indicating poorer health outcomes.
- The yellow/green cluster (high support) appears in the upper-right region, reflecting better social and health conditions.



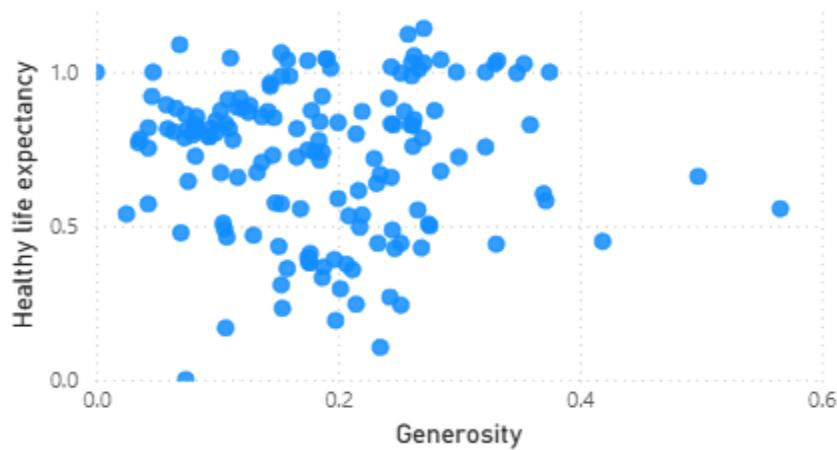
STEPS:

1. Go to the **Visual Format Pane** (select your chart).
2. Select the **Scatter Chart** type.
3. Drag and drop the following fields:
 - **X-axis: Overall rank**
 - **Y-axis: Score**
4. Adjust chart formatting (colours, gridlines, and titles) as needed.
5. This Scatter chart is showing Negative

INSIGHT:

- This scatter chart shows a negative correlation between Overall Rank and Score.
- Countries with a lower rank (closer to 1) have higher scores, indicating better performance.
- Conversely, as rank increases (toward 150+), the score gradually decreases, showing weaker performance.
- The pattern demonstrates that higher-ranked nations perform significantly better in the measured metric (such as happiness, development, or GDP).

Generosity and Healthy life expectancy



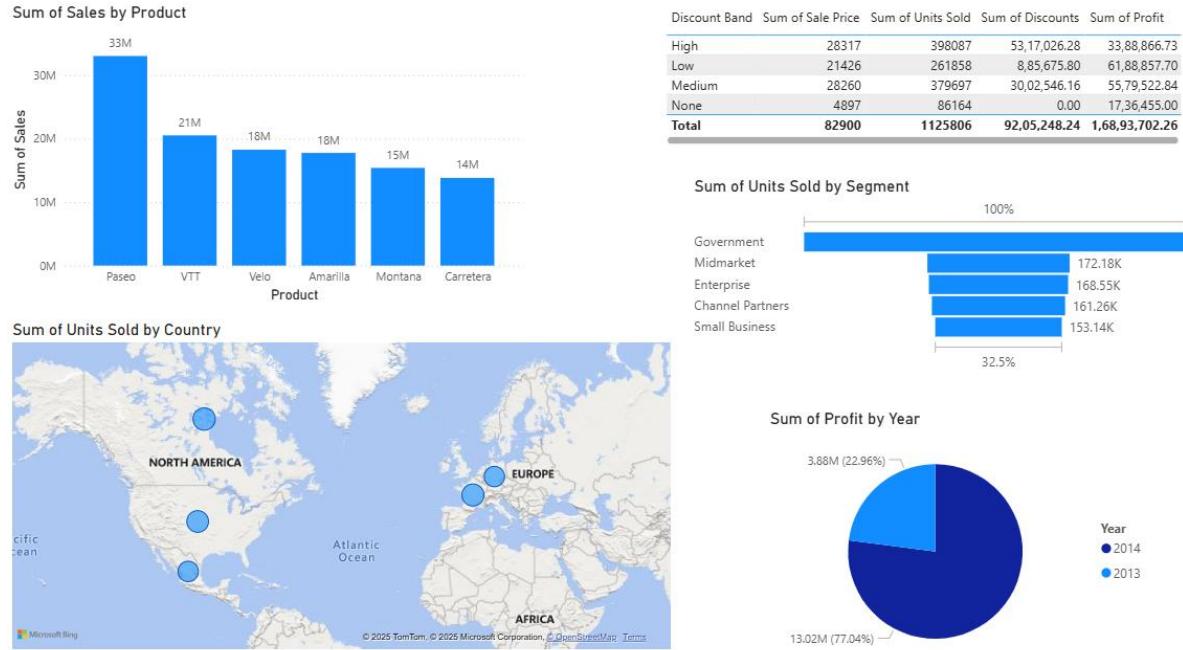
STEPS:

1. Go to the **Visual Format Pane** (select your chart).
2. Select the **Scatter Chart** type.
3. Drag and drop the following fields:
 - **X-axis: Generosity**
 - **Y-axis: Healthy life expectancy**
4. This Scatter chart is showing Positive

INSIGHT:

- This scatter chart shows a positive correlation between Generosity and Healthy Life Expectancy.
- Countries with higher generosity scores generally enjoy better health outcomes and longer life expectancy.
- The trend suggests that social and emotional well-being factors—such as generosity and community support—may contribute to improved public health and quality of life.

DASHBOARD



STEPS:

Here we use different chart to create one small Dashboard

In this dashboard:

- A **Stacked Bar Chart** is used to show the **Sum of Sales by Product**.
- A **Map Chart** is used to show the **Sum of Units Sold by Country**.
- A **Table** is used to display the **Discount Band's Total Sum of Sale Price, Sum of Units Sold, Sum of Discounts, and Sum of Profit**.
- A **Funnel Chart** is used to show the **Sum of Units Sold by Segment**.
- A **Pie Chart** is used to show the **Sum of Profit by Year**.