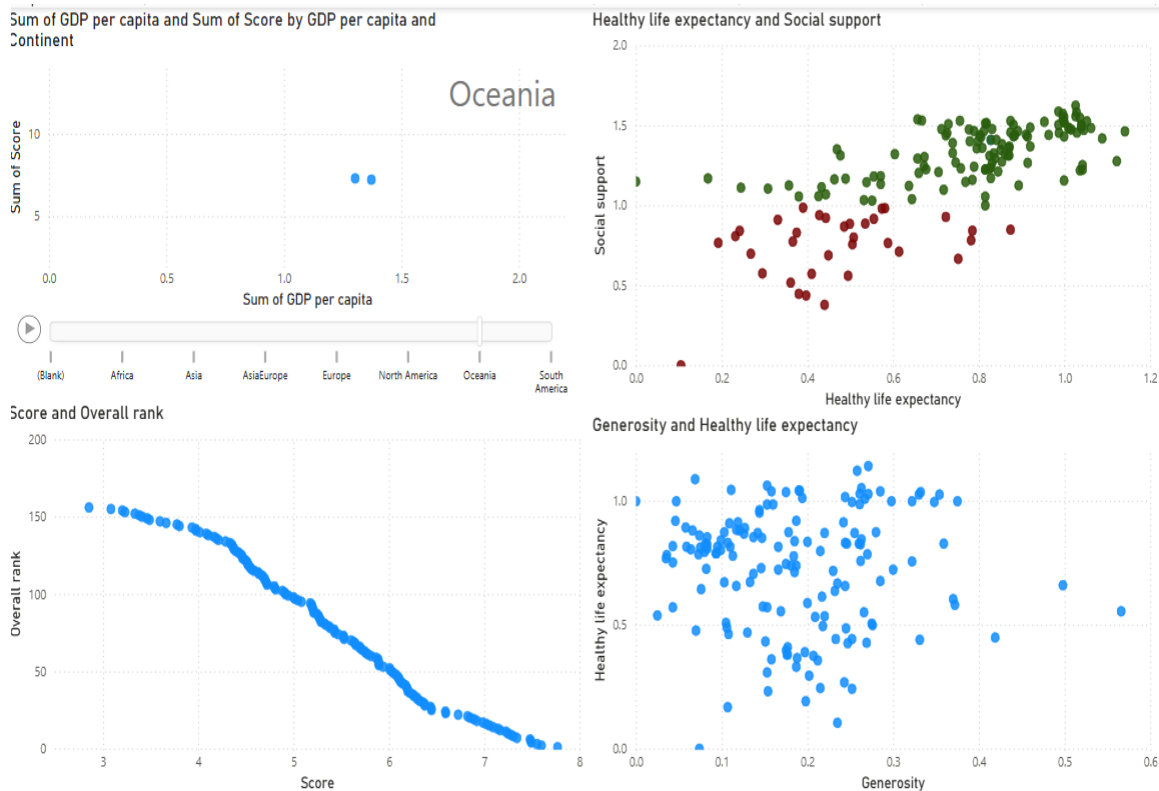


Analysis of Scatter Chart Dashboard in Power BI

This Power BI dashboard visualizes various aspects of world happiness and well-being metrics using scatter charts and supporting data interactions. The data seems to be sourced from the World Happiness Report (WHR) and includes factors such as GDP per capita, healthy life expectancy, generosity, social support, and overall happiness score.



Key Components of the Dashboard

1. Top Left Chart: GDP per Capita vs. Score by Continent

- This scatter plot compares the Sum of GDP per capita and the Sum of Score for each continent.
- A slicer below the chart allows filtering by continent (e.g., Africa, Asia, Europe, Oceania, etc.).
- It helps identify which regions have higher GDP and corresponding happiness scores.

2. Top Right Chart: Healthy Life Expectancy vs. Social Support

- This scatter plot visualizes the relationship between Healthy Life Expectancy and Social Support.
- Data points are colored differently to represent various categories or groups.
- The positive correlation indicates that countries with higher social support often have higher life expectancy.

3. Bottom Left Chart: Score vs. Overall Rank

- This plot shows how happiness scores correspond to overall country ranks.
- As the score increases, the overall rank decreases, suggesting better performance (since lower rank = higher happiness).
- This visual helps compare overall rankings with their respective happiness scores.

4. Bottom Right Chart: Generosity vs. Healthy Life Expectancy

- This scatter plot analyzes the relationship between Generosity and Healthy Life Expectancy.
- The trend indicates that countries with higher generosity tend to have moderately higher life expectancy.
- This chart explores social behavior in relation to health outcomes.

Other Dashboard Elements

- Filters Pane: Allows dynamic filtering of data across visuals for in-depth analysis.
- Data Fields: Two datasets, 'CC' and 'WHR', are loaded into Power BI.
- Visualization Pane: Offers a range of visual options; the current visuals are scatter charts.
- Tabs at the Bottom: Indicate multiple pages of reports such as maps, filled maps, and the current scatter chart view.
- Interactive Slicers and Filters: Enable users to explore data by continent or other dimensions.

Overall Insights

The dashboard provides a comprehensive overview of global happiness indicators. By correlating GDP, life expectancy, generosity, and social support with happiness scores, it highlights socio-economic patterns across different continents. The scatter plots effectively demonstrate relationships and trends among key happiness metrics, enabling users to draw meaningful insights about well-being and prosperity.