Date – 25-11-2025

Chart 1 – GDP Distribution by Country (Map Visual)

Sum of GDP per capita by Country or region

Chart Title: Sum of GDP per capita by Country or Region

Insights

- The map shows a **global distribution of GDP per capita**, with a dense cluster of data points in **Europe**, indicating a higher number of reporting countries with significant GDP per capita values.

- **North America and parts of Western Europe** show larger bubble sizes, representing **higher GDP per capita values**.

- **Asian countries** display a mix of medium and smaller bubbles, reflecting **diverse economic standings** across the region.

- **Africa and South America** show mostly smaller bubbles, indicating **comparatively lower GDP per capita** values in many nations.

- A global-level clustering shows that **economic concentration remains highest in Europe and North America**, with scattered high-value countries in Asia and Oceania.
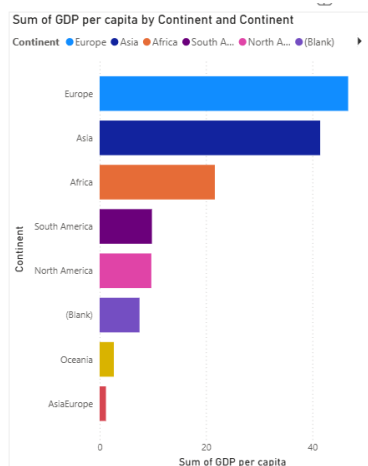
Steps to Reproduce (Power BI)

1. Insert a **Map visual**.

2. Add:

   o *Country/Region* → Location

   o *GDP per capita* → Size

3. Enable **Auto Zoom** and **Filled Bubbles**.

4. Customize bubble colors and transparency.

5. Add a title under **Visual → General → Title**.

6. Adjust **Map themes** (Road, Aerial, etc.) if needed.

Chart 2 – GDP per Capita by Continent (Horizontal Bar Chart)

Chart Title: Sum of GDP per Capita by Continent

Insights

- **Europe** ranks highest in total GDP per capita, showing the strongest economic contribution among continents.

- **Asia** is the second-largest contributor, driven by large economies such as China, Japan, and India.

- **Africa**, while third, shows significantly lower aggregated values, highlighting economic disparities.

- **South America** and **North America** display moderate values, reflecting smaller population counts and variations in economic development.

- The presence of a **(Blank)** category suggests missing or unassigned continent data that may require cleaning.

- Overall, GDP per capita is **highly concentrated in Europe and Asia**, showing clear economic dominance.
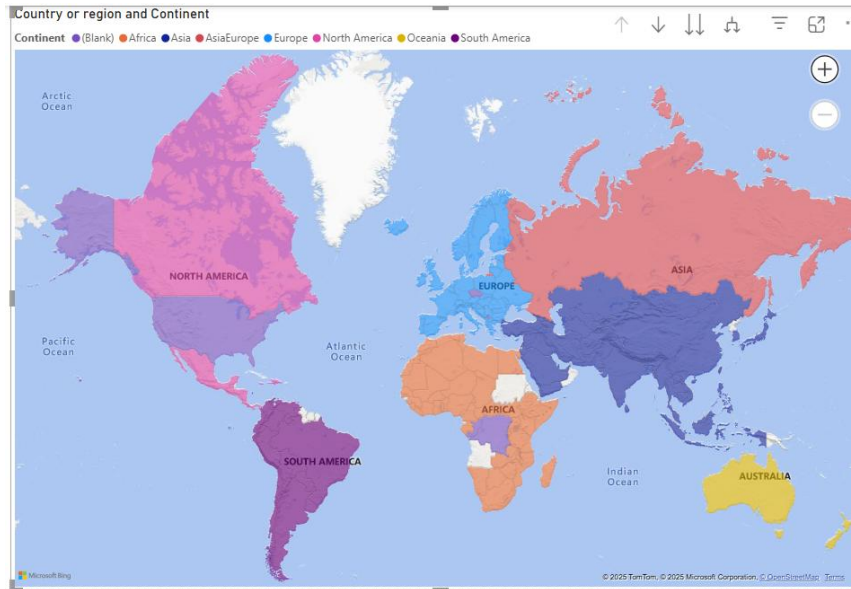
Steps to Reproduce (Power BI)

1. Insert a **Clustered Bar Chart**.

2. Add:
   - *Continent* → Y-axis
   - *GDP per capita* → X-axis

3. Turn ON **Data Labels** for clear comparisons.

4. Customize bar colors for each continent.

5. Adjust **X & Y axis labels**, fonts, and gridlines.

6. Add a title under **General → Title**.

Chart 3 – Filled Map View by Continent

Chart Title: Country or Region and Continent (Filled Map)

Insights

- The filled map clearly highlights **continent-wise color-coded segmentation**, making it visually easy to compare geographic groups.

- **Asia** covers the largest landmass with its distinct color, emphasizing the region's size and economic spread.

- **Europe and Africa** appear compact but show a dense population of countries.

- **North America and South America** are clearly distinguished, enabling easy regional comparison.

- **Oceania**, though small, appears prominently with its unique color, helping distinguish it from nearby regions.

- The visual is ideal for **high-level summary reporting**, showing global continent coverage at a glance.

Steps to Reproduce (Power BI)

1. Insert a **Filled Map** visual.

2. Add:

   o *Country/Region* → Location

- o *Continent* → Legend

3. Enable **Map Controls** (Zoom, Pan).

4. Customize colors for each continent under **Data Colors**.

5. Turn ON **Border lines** for better country distinction.

6. Add Title under **General → Title**.