

Date : 13-11-2025 (Day – 10)



## CT – Map Chart

### Insights:

- European countries show the highest GDP per capita, reflecting strong economies and developed markets.
- North America also displays high GDP per capita, led by the United States and Canada.
- Asian and African countries show moderate to low GDP per capita values, indicating developing economies.
- Oceania and South America have fewer data points, with Australia and Chile standing out as relatively higher contributors.
- The map visually highlights global economic disparities — with Europe and North America dominating the high GDP per capita range

### Steps to Reproduce :

1. Load Data
  - Import your dataset containing at least the following fields:
    - Country or Region
    - Continent
    - GDP per Capita
2. Select Visualization Type
  - In the Visualizations pane, select the Map visual (the globe icon).

**3. Assign Data Fields**

- Drag Country or Region → Location field.
- Drag GDP per Capita → Size field.
- Drag Continent → Legend field to apply color coding by continent.

**4. Adjust Map Settings**

- Ensure the map type is set to Bubble Map (not Filled Map).
- Zoom in/out or reposition as needed for clarity.
- Optionally enable Auto Zoom and Labels for better readability.

**5. Apply Formatting**

- Go to the Format pane (paint roller icon):
  - Under Bubbles, adjust transparency and size for visibility.
  - Under Legend, position it at the top for clear continent identification.
  - Add a title: “Sum of GDP per Capita by Country or Region and Continent”.

**6. Add Color Legend (Optional)**

- Ensure each continent has distinct colors (e.g., Blue for Europe, Purple for North America, Orange for Asia, etc.).

**7. Validate Data Points**

- Hover over bubbles to confirm accurate GDP per capita values and country names.