



## CT – Bar Chart

### Insights :

- **European** nationals hold the highest total loan amount, reaching **\$778M**, making them the largest borrower group in the dataset.
- **Asian** nationals are the second-highest, with **\$436M**, significantly lower than Europeans but well above the remaining nationalities.
- **American** nationals account for **\$306M**, positioning them in the mid-range of total loan distribution.
- **Australian** nationals have a moderate loan value at **\$154M**, showing a noticeable drop compared to the top three categories.
- **African** nationals represent the lowest loan total, at **\$100M**, marking the smallest borrower segment.
- The descending order from European → Asian → American → Australian → African reflects a clear decreasing trend in loan distribution across nationalities.
- The bar chart visually highlights strong concentration of lending among European and Asian groups, while other nationalities contribute smaller portions.

### Steps to Reproduce :

1. Select Bar Chart
  - From Build Visuals, choose Bar Chart (horizontal) or Clustered Bar Chart.
2. Add Data Fields
  - Drag Nationality → Y-axis (Category).
  - Drag Loan Amount (Sum) → X-axis (Values).
3. Sort the Chart
  - Click the chart → More options ( ... ).
  - Select Sort by → Loan Amount.
  - Choose Descending so the highest (European) appears on top.
4. Format the Visual → Data Colors
  - Turn Data Colors ON.

- Set all bars to the same color (optional):
  - Pink/Highlight shade (as shown in the chart)

5. Format the Visual → Data Labels

- Turn Data Labels ON.
- Choose:
  - Data value
  - Display units → Millions (M)
  - Adjust label size/position for visibility.

6. Format → X-Axis

- Set:
  - Display Units → Millions
  - Add gridlines (optional)

7. Format the Visual → Title

- Turn Title ON.
- Set title: “Total Loans by Nationality”.

- Customize:
  - Font color
  - Font size
  - Alignment

8. Format → Border / Background (Optional)

- Add Border or Shadow to give clearer separation.