Ex 6 Data Visualization Using PowerBi

AIM:

To visualize and analyze data using Microsoft Power BI by connecting to various data sources, creating basic charts, and building an interactive dashboard.

PROCEDURE:

1. **Open Power BI Desktop** and explore the interface (Report, Data, and Model views).
2. **Connect to Data Sources** such as Excel, CSV, or SQL databases using the **Get Data** option.
3. **Load the Data** into Power BI and verify the tables in the Fields pane.
4. **Create Visualizations** like bar, line, and pie charts by dragging fields onto the canvas.
5. **Add Calculated Columns and Measures** using DAX.
6. **Design a Dashboard** by arranging visuals and adding slicers or filters for interactivity.
7. **Save and**  **Publish** the report if needed.

A close-up of a graph

AI-generated content may be incorrect.DASHBOARD:

RESULT:

A Power BI dashboard was successfully created by connecting to data sources and visualizing key insights through charts and calculated metrics.