

## Ex 6

## Data Visualization Using PowerBI

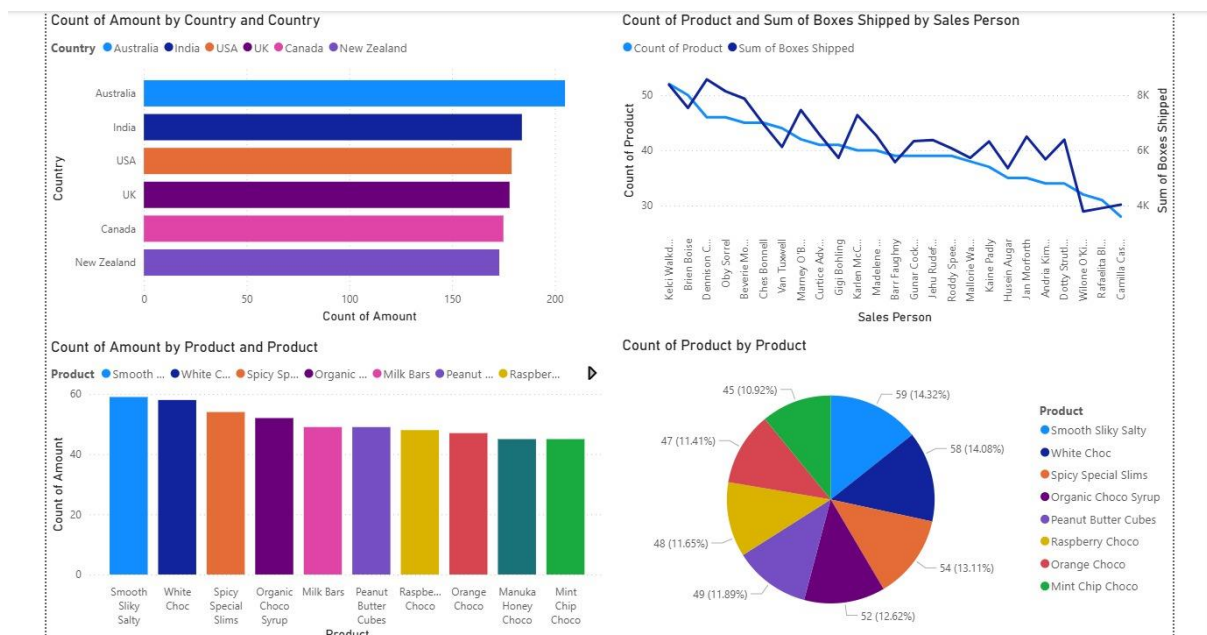
### AIM:

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.

### DASHBOARD:



### RESULT:

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

