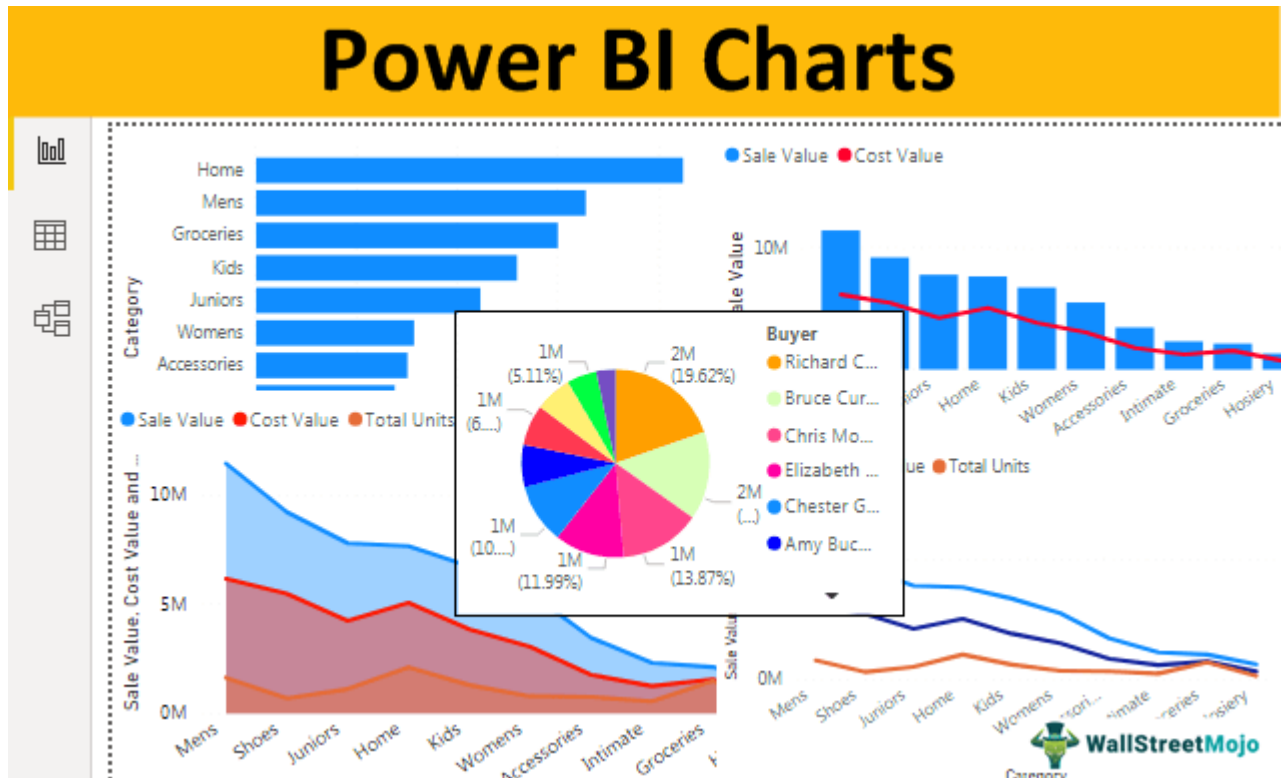


Power BI Assignment 4

1. Make a simple dashboard and show columns, bar charts, line charts, and area charts.

Ans.



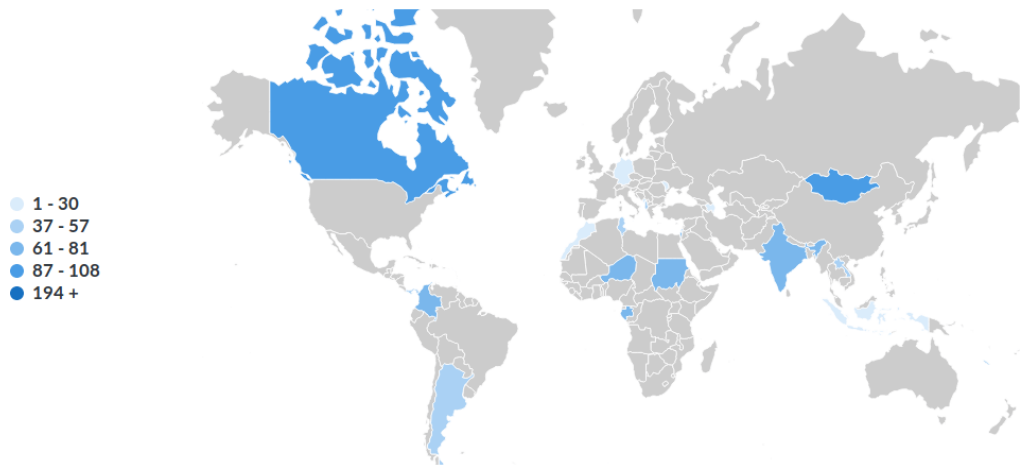
2. Make a simple dashboard and show combination chart, Scatter chart, Shape chart, and Treemap chart

Ans.



3. Make a dashboard and show 2 maps visualization i.e. basic map and filler maps.

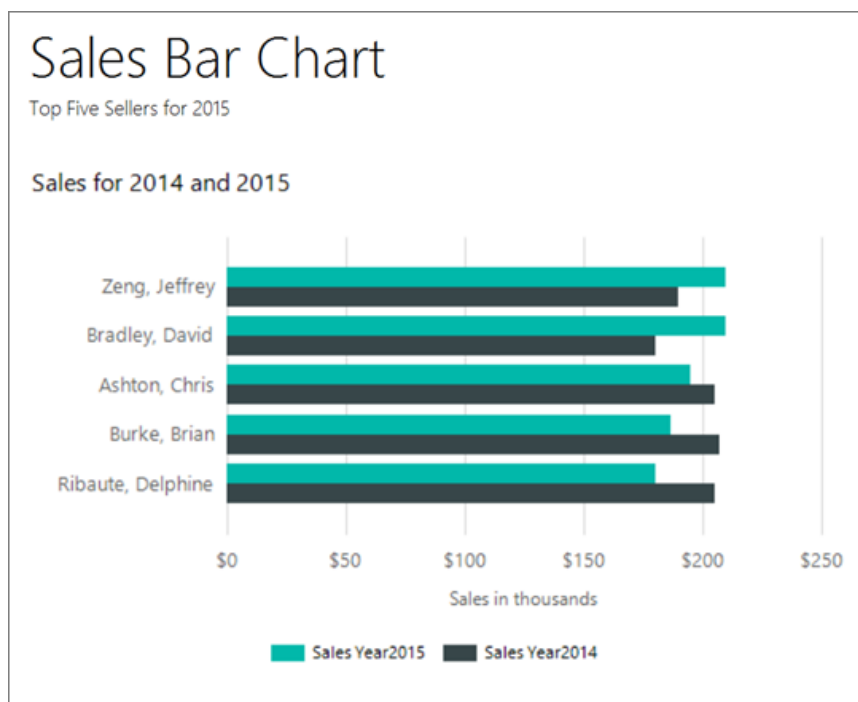
Ans.



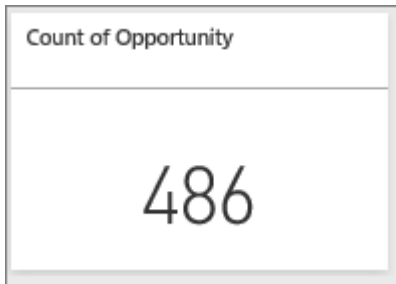
4. Create a report which has:

Ans.

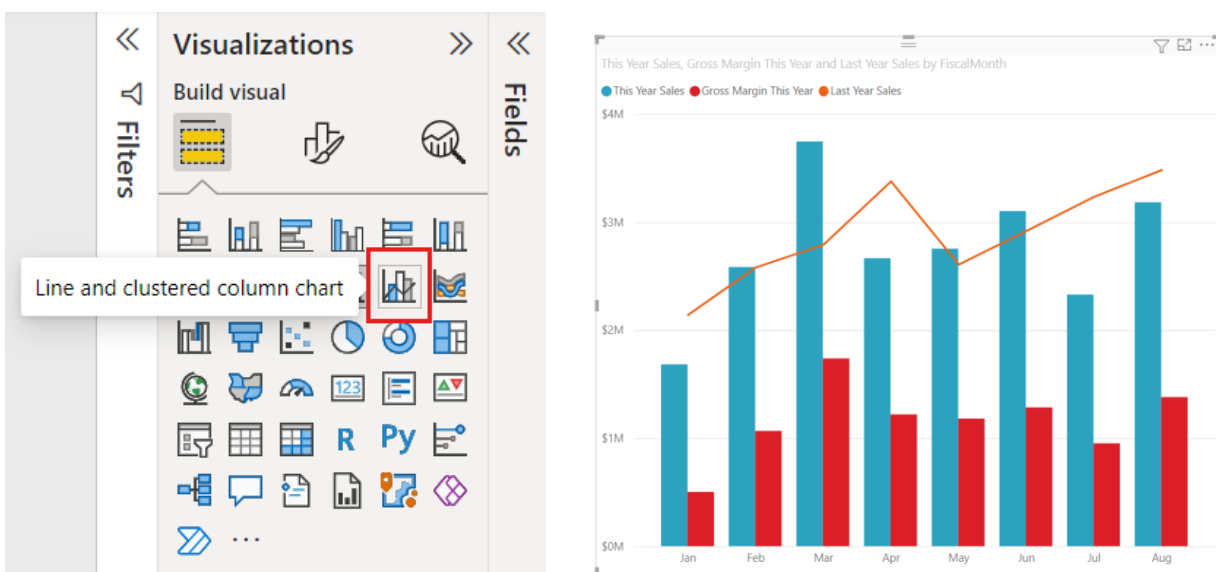
Bar chart:- The Bar Graph Report is a quick, simple, and familiar-looking report of your results. While this report displays frequency in bar graph format by default, the appearance can also be switched to display data in other charts and graphs as well.



Card visualizations:- A single number, such as total sales, market share year over year, or total opportunities, is sometimes the most important thing you want to track. A type of visualization in Power BI called a card may be the best way to view that number. As with almost all of the native Power BI visualizations, cards can be created using the report editor or Q&A.



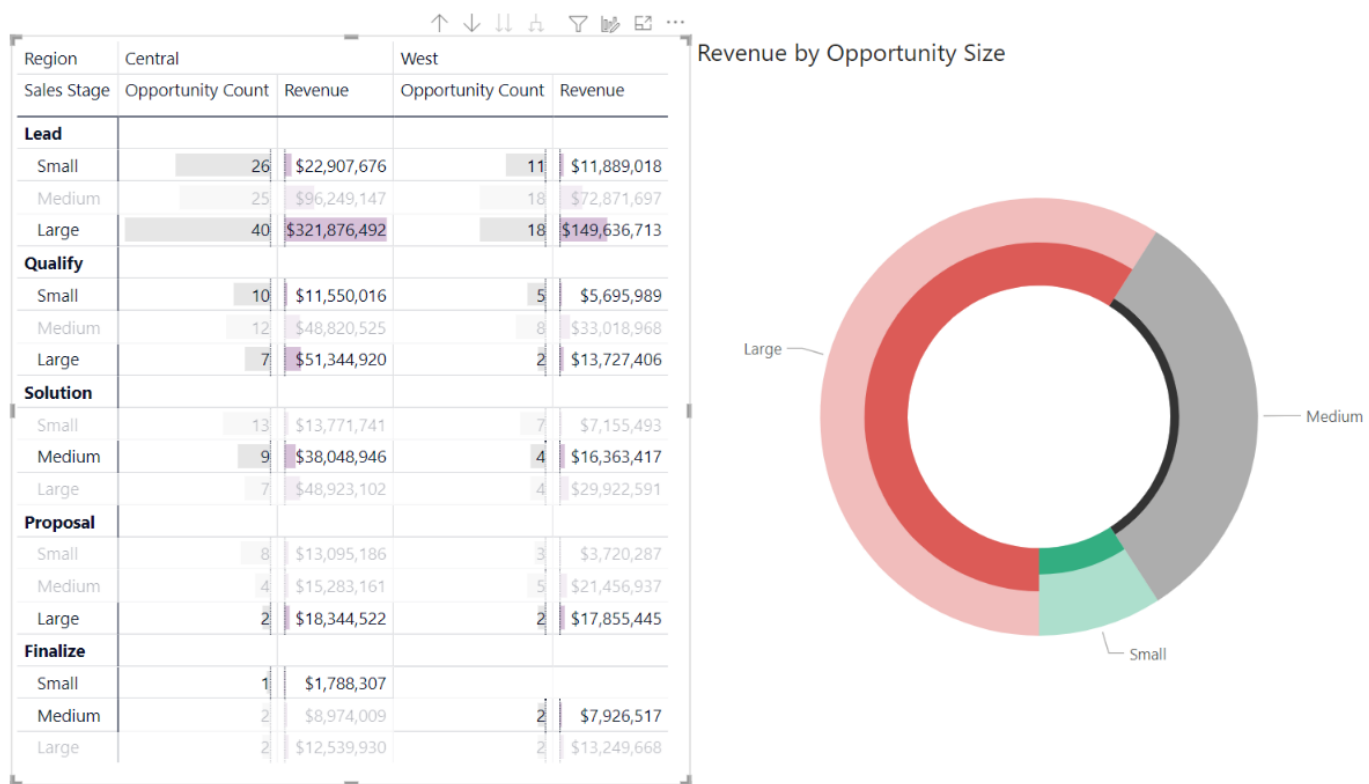
Combo chart visualizations:- There are two combo charts available: Line and stacked column and Line and clustered column. With the column chart selected, from the Visualizations pane select the Line and clustered column chart.



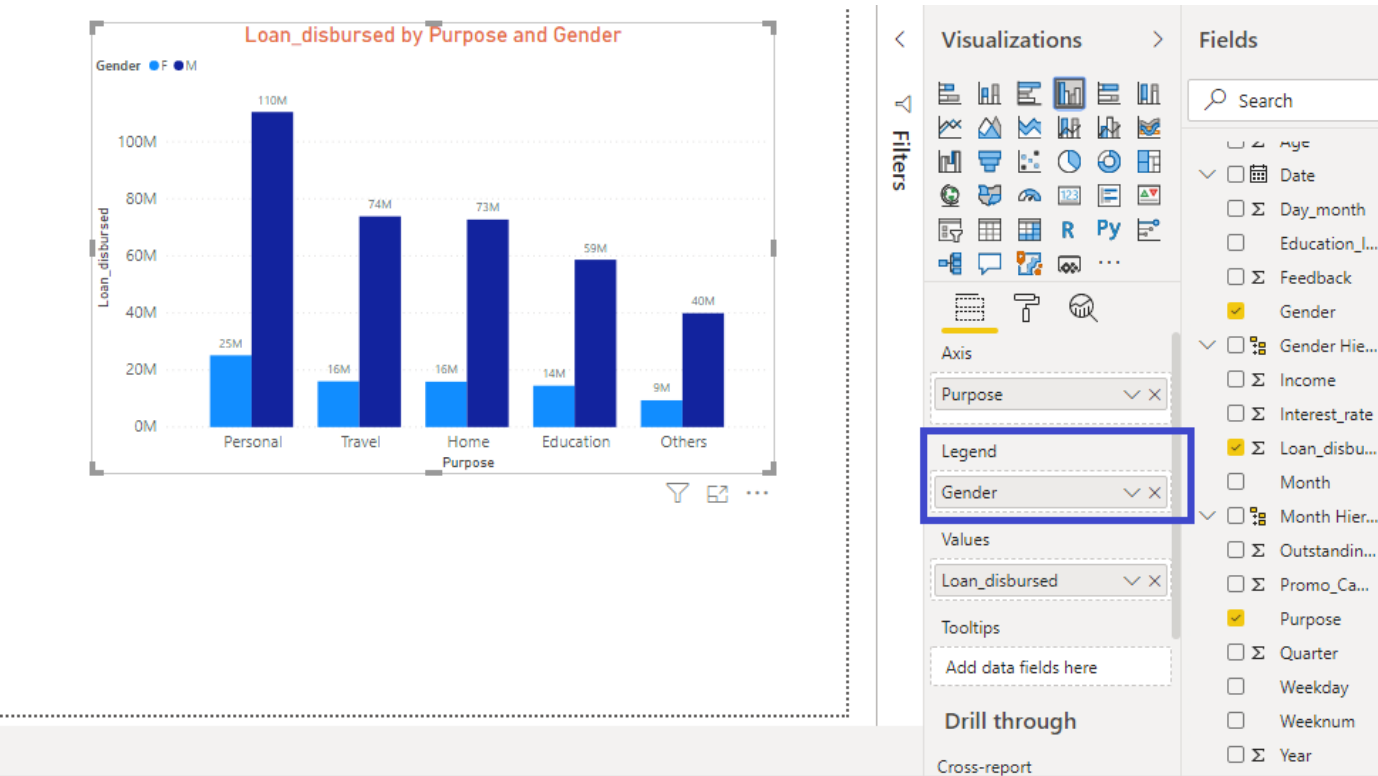
Matrix visualizations:- A table supports two dimensions and the data is flat, meaning duplicate values are displayed and not aggregated. A matrix makes it easier to display data meaningfully across multiple dimensions -- it supports a stepped layout. The matrix automatically aggregates the data and enables you to drill down.

matrix visuals in Power BI reports and cross-highlight elements within the matrix with other visuals on that report page. For example, you can select rows,

columns, and even individual cells and cross-highlight. Also, individual cells and multiple cell selections can be copied and pasted into other applications.



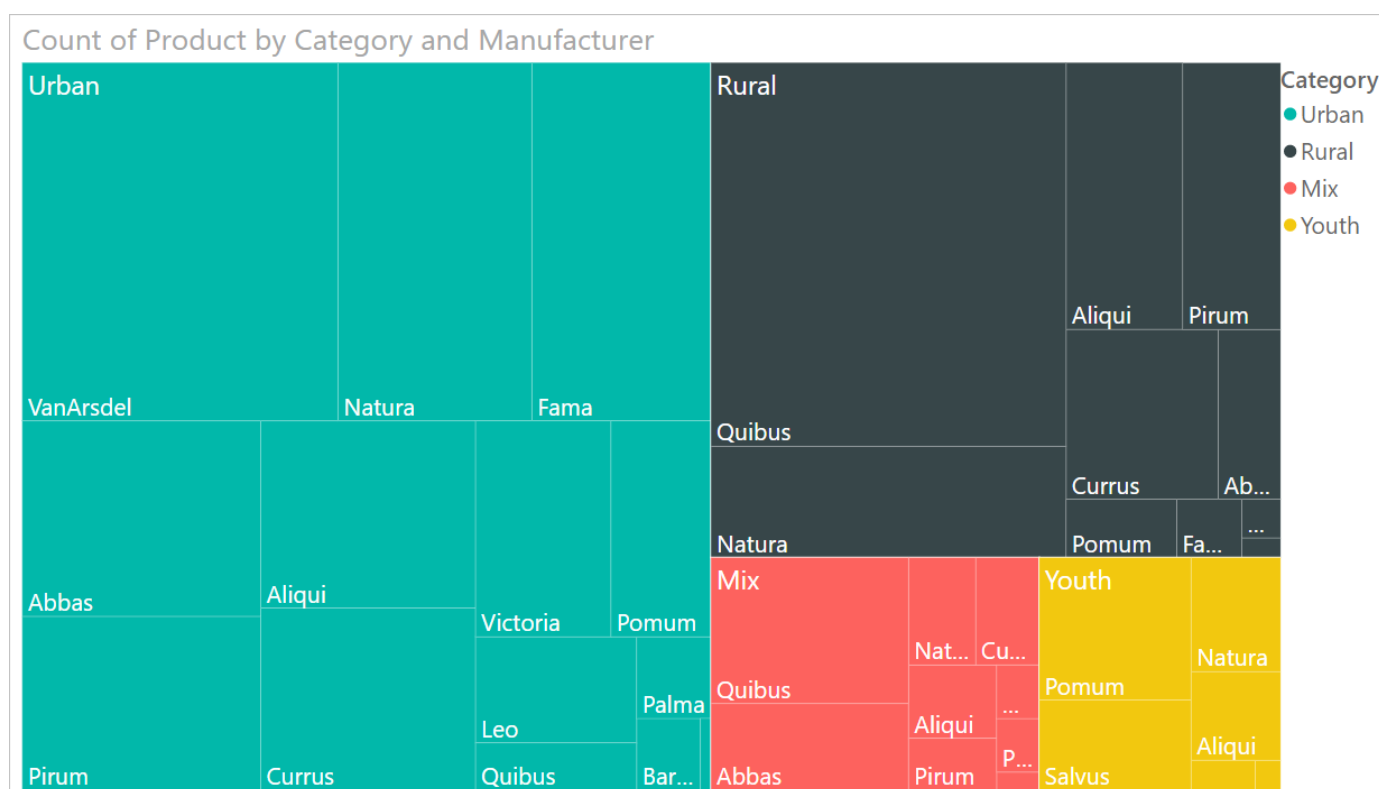
Column chart visualizations:-



guide: Sales data can be used:- Power BI lets you instantly create dashboards and start monitoring your teams' opportunities, results, and overall efficiency. You can also monitor key metrics like win rates, number of wins, revenue, discounts, and YTD revenue maps. The dashboards are refreshed with up-to-date data automatically and give you an at-a-glance view of the insights anytime you need it.

5. Make a report to analyze product sales using treemap visualization.

Ans. Treemaps display hierarchical data as a set of nested rectangles. Each level of the hierarchy is represented by a colored rectangle (branch) containing smaller rectangles (leaves). Power BI bases the size of the space inside each rectangle on the measured value. The rectangles are arranged in size from top left (largest) to bottom right (smallest).



6. Make a dashboard on sales data (Minimum 4 tiles).

Ans.



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