



SNS COLLEGE OF ENGINEERING



Kurumbapalayam(Po), Coimbatore – 641 107

(An Autonomous Institution)

Accredited by NAAC-UGC with 'A' Grade

Approved by AICTE,

Recognized by UGC & Affiliated to Anna University, Chennai.

CHARTS

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CHARTS :

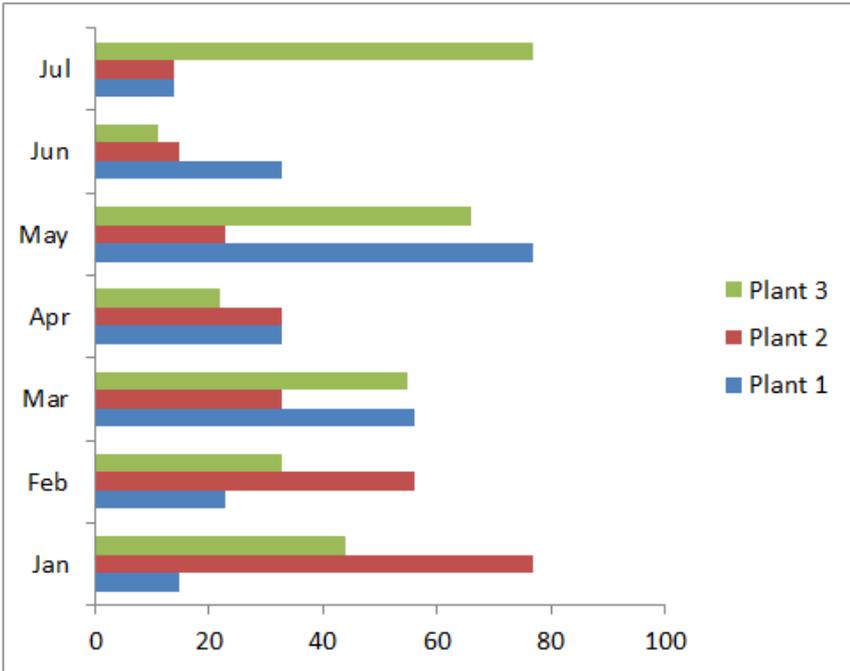
Charts are a common and effective way to visualize data in data visualization.

Some popular types of charts used in data visualization are:

- Bar chart
- Line chart
- Scatter plot
- Pie chart
- Area chart
- Histogram
- Heat map
- Box plot
- Tree map
- Gantt Chart

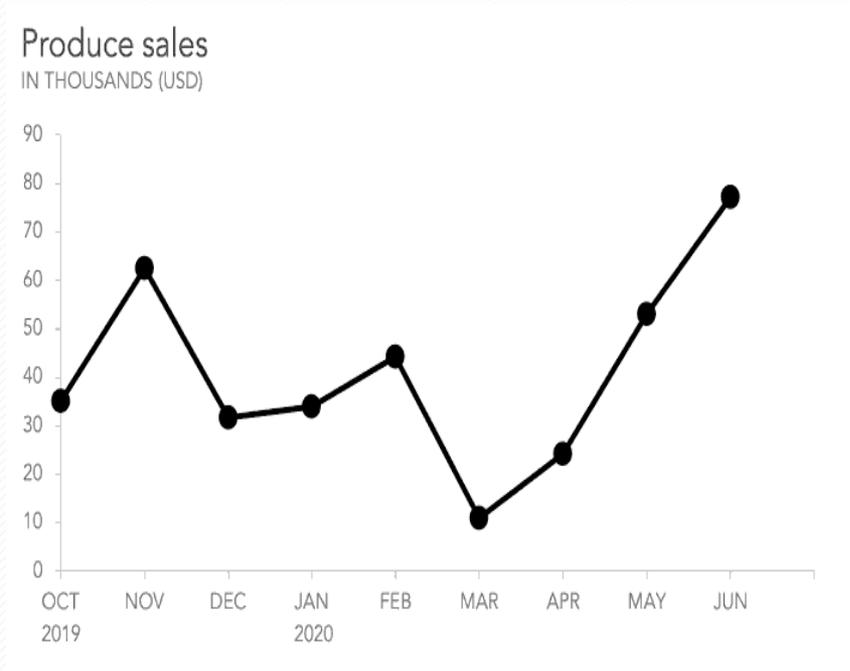
Bar Chart :

Bar charts display data using rectangular bars of lengths proportional to the values they represent.



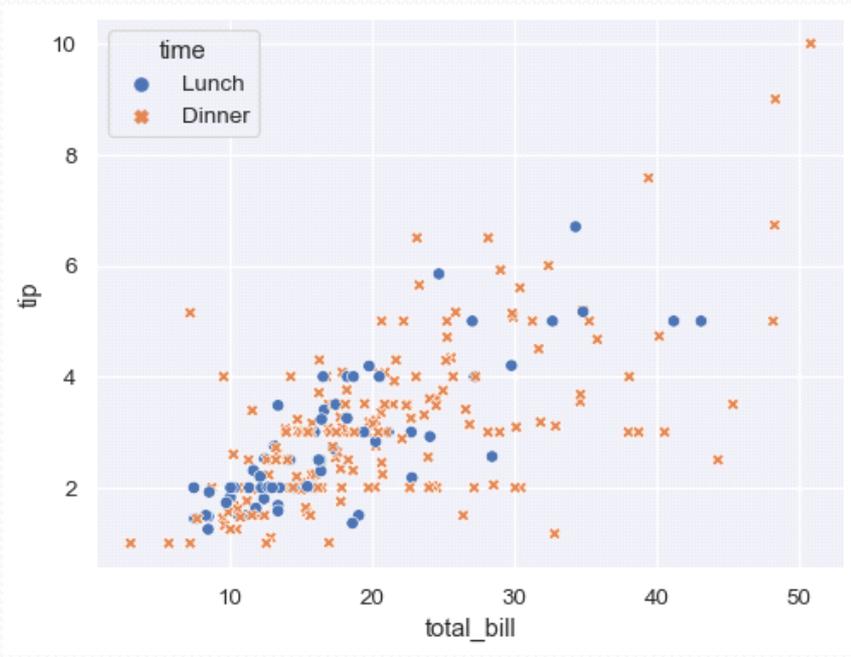
Line Chart :

Line charts represent data points connected by lines, commonly used to show trends or changes over time.



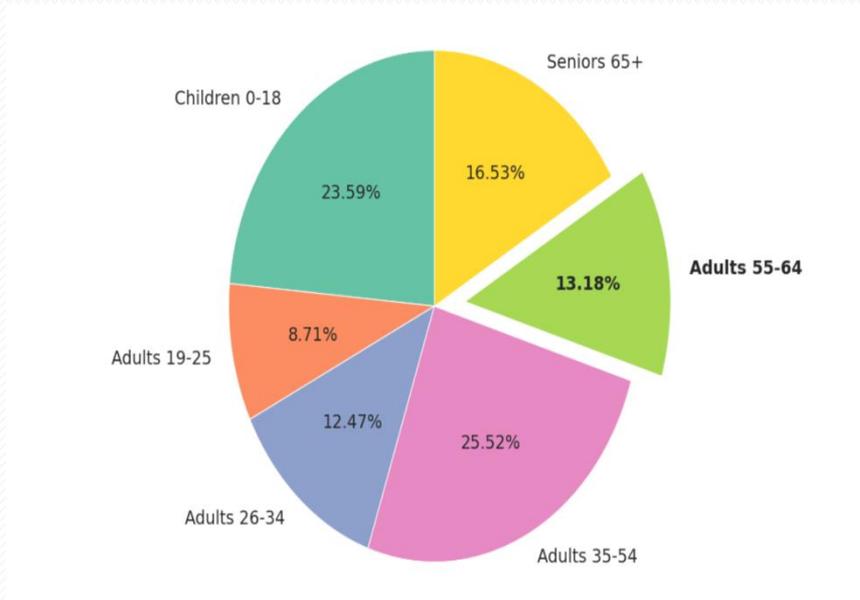
Scatter Plot :

Scatter plots use dots or markers to represent individual data points and display their relationship on a two-dimensional graph



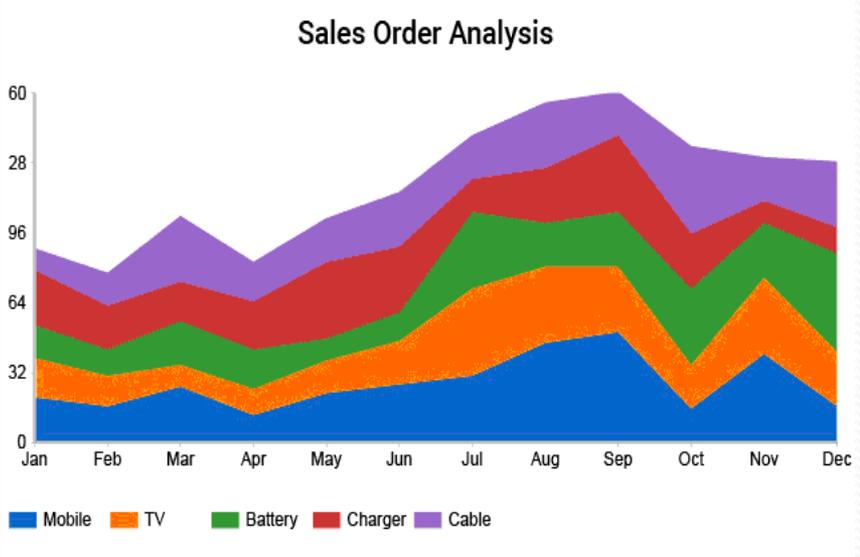
Pie Chart :

Pie charts divide a circle into sectors, with each sector representing a category's proportion of a whole.



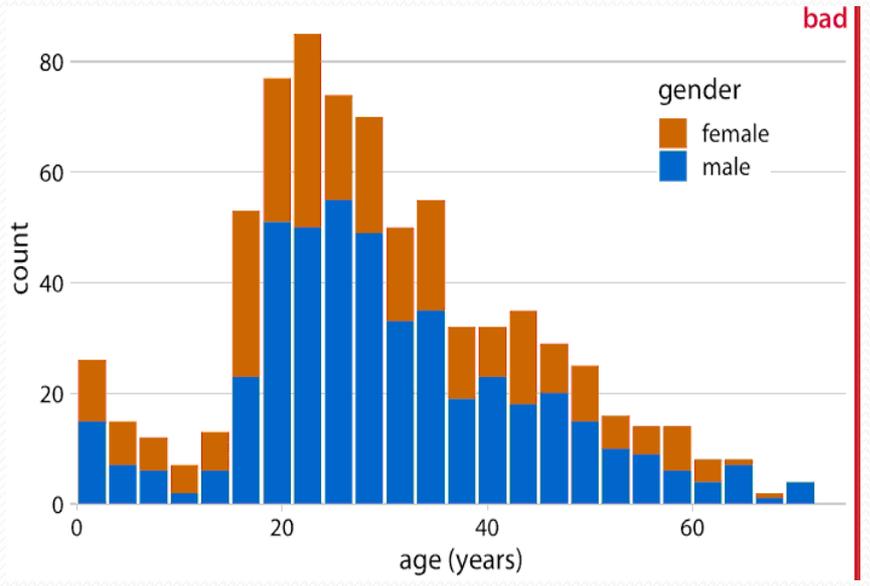
Area Chart :

Area charts are similar to line charts, but the area beneath the lines is filled with colors or patterns



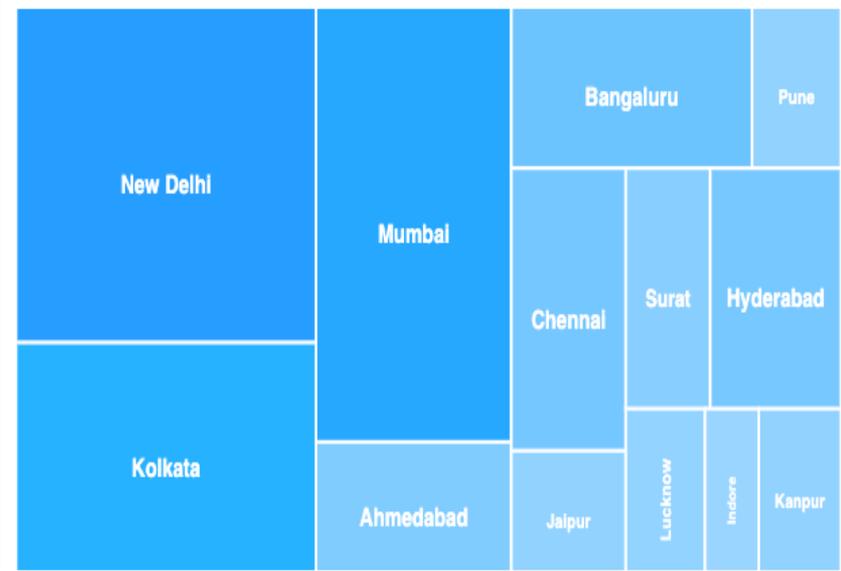
Histogram :

Histograms are used to visualize the distribution of continuous data by grouping the data into bins and displaying the frequencies or counts of data points within each bin



Tree Map :

Tree maps display hierarchical data using nested rectangles, with each rectangle representing a category or subcategory.



Gantt Chart :

Gantt charts are used to visualize project schedules or timelines.

