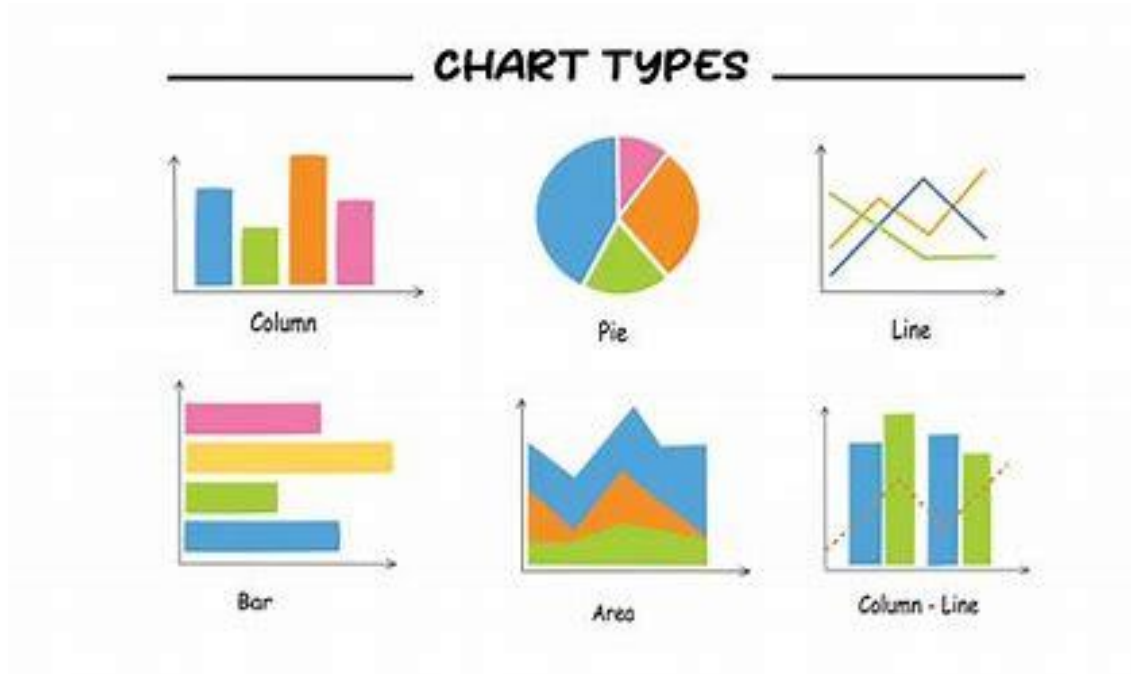


SUBJECT: COMPUTER SCIENCE

TOPIC: GRAPH

CLASS: JSS3



Definition

Graph is a diagram or visual representation of data that shows relationships between different sets of data using lines, bars, or other symbols.

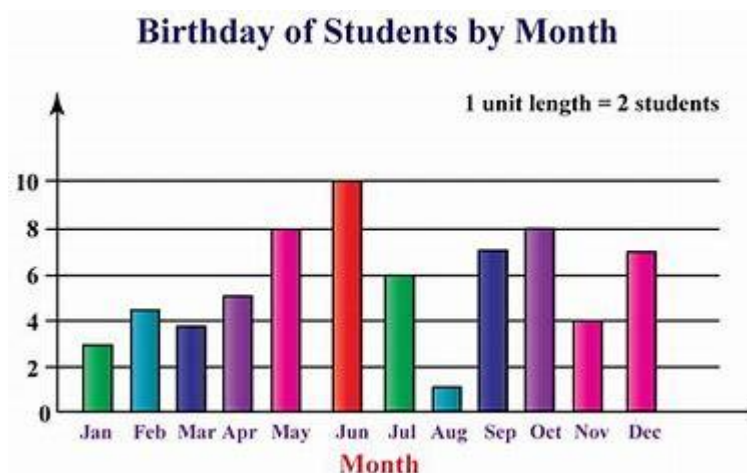
Uses of Graphs

Graphs are used for:

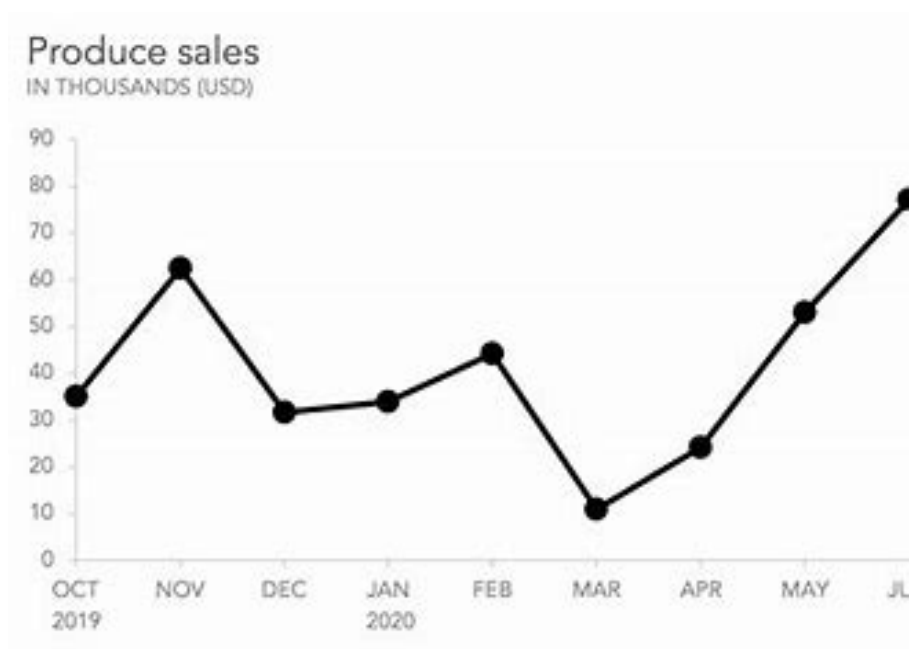
1. **Data Analysis:** Simplifying complex data for easy understanding.
2. **Decision Making:** Supporting conclusions with visual data.
3. **Comparison:** Highlighting differences or similarities between data points.
4. **Presentation:** Communicating data effectively in reports and meetings.

Types of Graphs

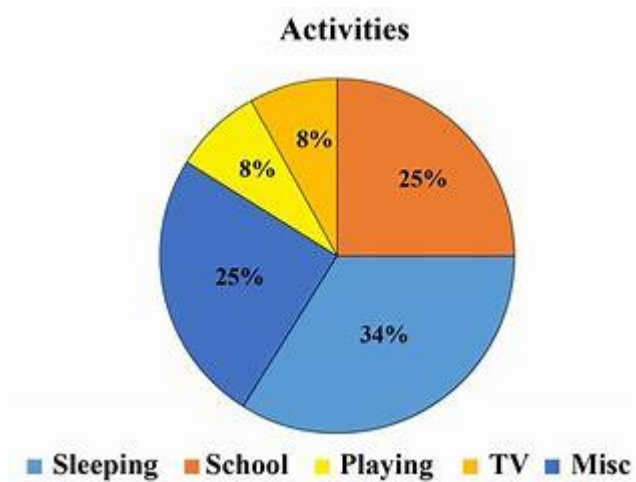
1. **Bar Graph:** Uses bars to represent data quantities.



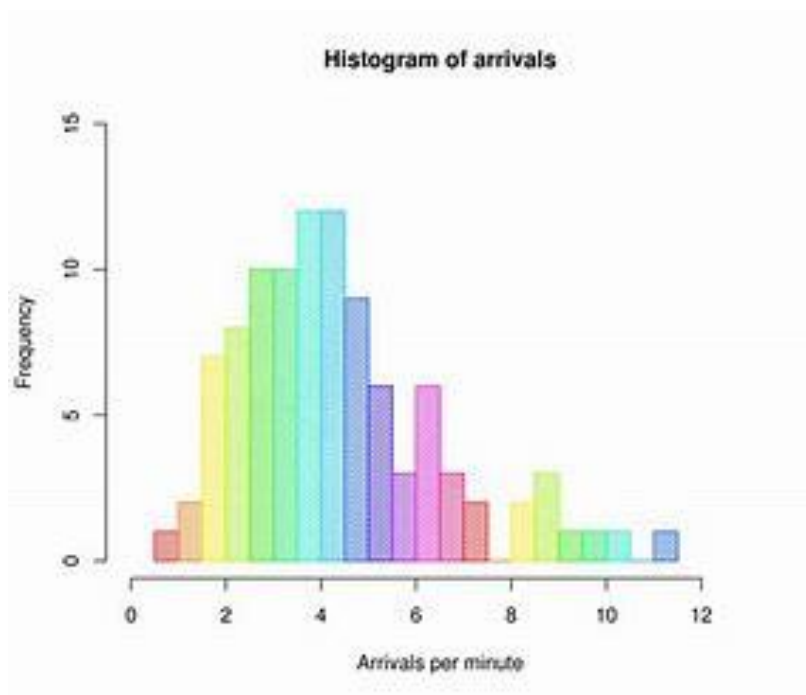
2. **Line Graph:** Displays trends over time using points connected by lines.



3. **Pie Chart:** Represents proportions as slices of a circle.



4. **Histogram:** Shows data distribution using adjacent bars.



Editing and Formatting Graphs

Graph editing is modifying the components of a graph to improve clarity.

Graph formatting is enhancing the appearance of a graph.