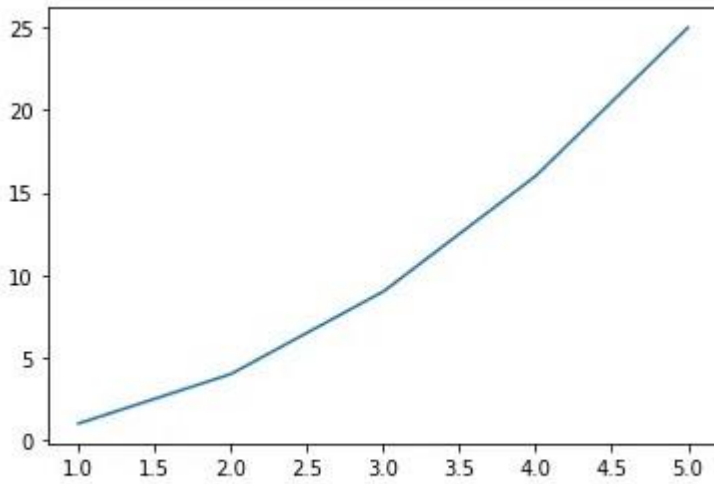


LINE CHART:

Used where continuous data is there. Data changes with time.

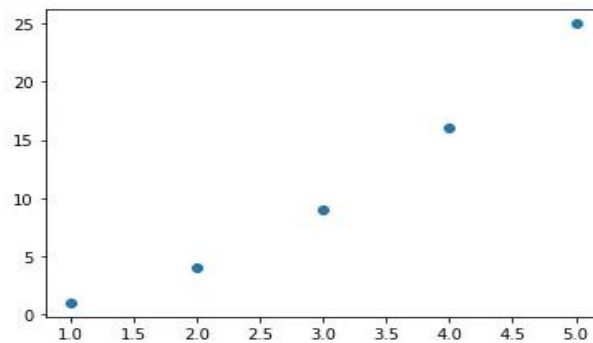


Line plot

SCATTER PLOT

Scatter plots are useful for visualizing the relationship between two variables. To create a scatter plot in Matplotlib, you can use the `scatter` function. For example:

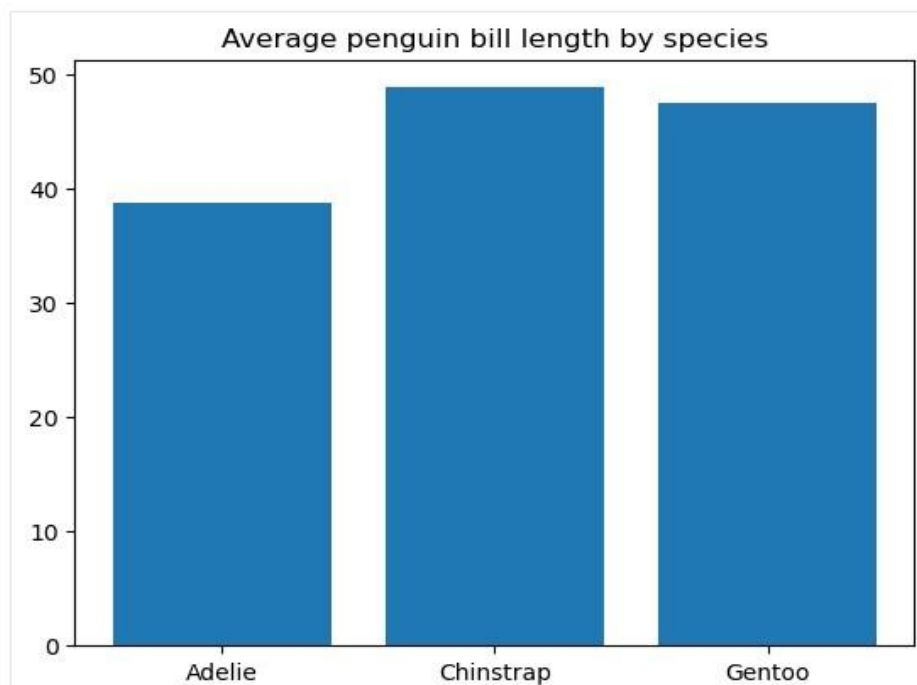
This code will create a scatter plot with x-axis values 1 through 5 and y-axis values equal to the squares of those values.



Scatter plot

BAR GRAPH

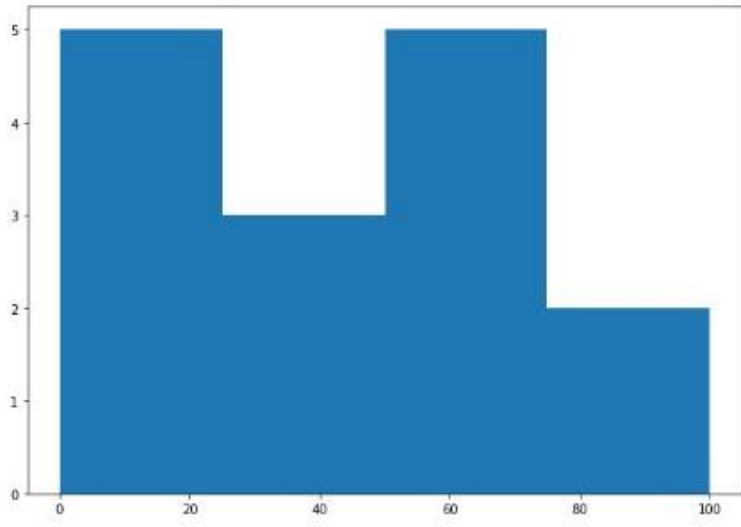
A bar chart is the most common data visualization for displaying the numerical values of categorical data to compare various categories between them.



It is accurate method
plot where X-axis

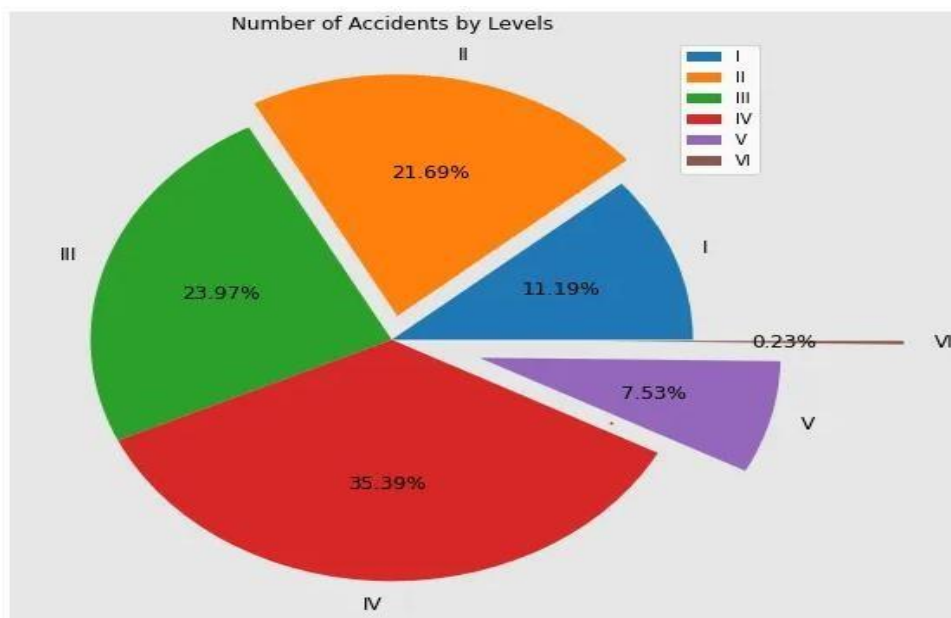
HISTOGRAM PLOT:

A histogram basically used to represent data provided in a form of some groups. It is accurate method for the graphical representation of numerical data distribution. It is a type of bar plot where X-axis represents the bin ranges while Y-axis gives information about frequency.



PIE CHART:

Piechart is useful for showing the percentage of categorical data. It is best practice to never have any more than 7 categories. Otherwise, it would be difficult to differentiate the size of each section. 🤔



Course Name.
Data visualization
Types of graph.
With definition
and examples of graph.

Ned Batch V. PGT. DATA
SCIENCE AND AI.
ANWAR SIRAJ.

Instructor
Sir. Waqas.