Iris Dataset

Exploratory Data Analysis (EDA) is a technique to analyze data using some visual Techniques.

Iris is a genus of 260–300 species of flowering plants with showy flowers.

It contains five columns namely – Petal Length, Petal Width, Sepal Length, Sepal Width, and Species type.

There are almost 300 different species of Iris has been already discovered, for our Data Science purpose we are going to make EDA for following 3 different Iris species:

- Setosa
- Versicolor
- Virginica

The flowers are classified by the features:

- sepal length in cm
- sepal width in cm
- petal length in cm
- petal length in cm

Now, will convert it into the dataframe. read_csv() method is used to read CSV files , Getting Information about the Dataset , Checking Missing Values

Visualization

We will use Matplotlib and Seaborn library for the data visualization of following:
1. Comparing Sepal Length and Sepal Width
2. Comparing Petal Length and Petal Width
3. Plot all the column's relationships using a pairplot
4. Histogram visualization , histograms with distplot Plot