

Python for Data Analysis

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Week#5 – Practicals

In this practical we will use iris dataset, you can find the dataset on Moodle.

- 1) Create a dataframe from a list
- 2) Create a Dataframe from series
- 3) Create a Dataframe from numpy array
- 4) Create another dataframe from iris dataset using only **petal.length**, **petal.width** columns
- 5) Create a series from iris dataset for **petal.length** column
- 6) Create a series from iris dataset for **petal.width** column
- 7) Find out how many unique values are there in **petal.width** column
- 8) Print only the top 10 records using pandas
- 9) Find the average, sum, max, min values of each column of the dataset? In which column you couldn't apply these functions? why? Put explanations as comment