

Libraries, Packages and Module

1. What are standard libraries and how your can import libraries in python?

Ans1- standard libraries- Set of code, which python have by-default known by standard library. It include- Buit-in-functions, Built-in-constant,, Data types, File formate- csv,excel etc.

libraries can be import in python by using **import** keyword.

Ex- import pandas as pd.

2. What is Pandas library?

Ans2- Pandas library is a standard library which is used for data handling and manipulation (reading, filtering, exporting). It can be used to read json,HTML,excel,sql,csv etc.

3. What is dataframes?

Ans3- Data frame is tabular method of data representation it is same as excel sheet. In data frame Row Index can be started with zero. It Can perform many operation- can access dimension of data frame by calling shap(). We Can access single column or multiple column.

4. Why matplotlib library is used in python?

Ans4- Matplot lib is used for data visualization by graphs and charts.Data representation is by using many attribute like -lineplot, histogram, cataplot, boxplot etc by using pyplot module.

5. What is the difference in between module and package?

Ans2-

Module	Package
Collection of related function and classes, which introduced in the same program	Package is the collection of module.
Module name is same as file name	Package name is related function.
Ex-geometry, statics, trigonometry	Ex- math()