

Day-12 - Python modules for data analytics.

Introduction:

A module in python is a simply a file containing python code, which can include functions, classes, variables. Modules help in code reusability and organization.

Types of modules in Python:

1. Built-in modules - pre-installed with python
(eg: math, random, os)
 2. User-defined modules - custom modules created by the user.
 3. External modules - installed using PIP
- user-built in modules:

import math

print (math.sqrt(16))

print (math.factorial(5))

User-defined module.

we can create our module by saving a python file (.py) with functions and variables.