Python for Data Analytics Learn everything about analytics



Topics

Topics to be covered:

- 1. Standard Library
- 2. Module
- 3. Package

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Topics

Topics to be covered:

1. Standard Library

2. Module

3. Package

Why do we need to study these topics?

Efficient use of functions created by others

2. Proper structure when creating your own Python solutions for problems

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Intuition

Standard Library

Modules/Package

Football

Computer

Dancing

Singing

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Plumbing

Electricity

House Cleaning

FInances



Standard Library

Built-in functions

Built-in constants

print(), max(), min() etc.

Analytics Valse, True, None etc.

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Data types

File formats

Int, float, bool, str

Csv, excel, hdf5 etc.



Module

Arithmetic.py

Logical.py

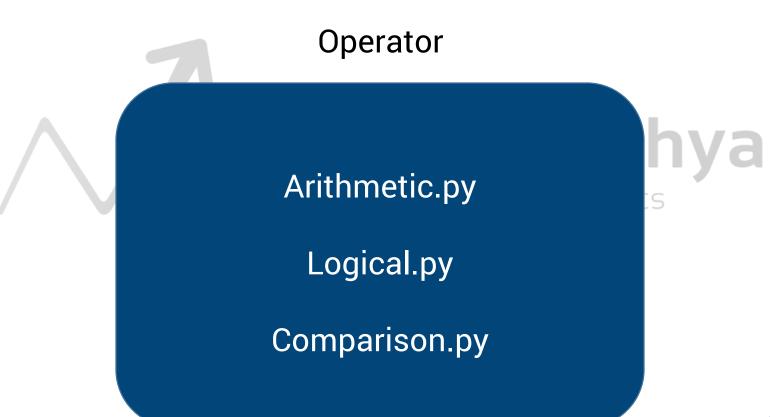
```
def addition():
def subtraction():
def multiplication():
def division()
```



def and():
def subtraction ():

def multiplication():
def division()
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Package





Importing a module

Why do we need to import a module?

def subtraction():
----def division():

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B.py

def subtraction():
--------def multiplication():



Importing a module

How do we import a function? Eg - addition

from Operator. Arithmetic import addition



from Operator import Arithmetic



Arithmetic.addition(3,5)





