Python for Data Analytics

Previous Video

Operators	Constants
+, - , and , < etc.	3, 5, True, "neeraj".

Scenario
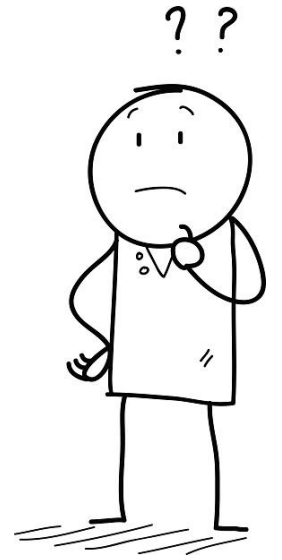
Scenario

Ramesh - 1 M

Suresh – 1.5 M

Krishna – 0.9 M

Rahul – 1.6 M

Swati – 1.8 M

Sam – 2 M

Variables

Ramesh	-1 M
Suresh	-1.5 M
Krishna	-0.9 M
Rahul	-1.6 M
Swati	-0.8 M
Sam	-2 M

Variables

Ramesh -10L

Suresh -15L

Krishna -9L

Rahul -16L

Swati -8L

Sam -20L

What are Variables?

Variables are names bounded to objects.

Variables

Ramesh   -1 M   ←

Suresh   -1.5 M   ←

Krishna   -0.9 M   ←

Rahul   -1.6 M   ←

Swati   -0.8 M   ←

Sam   -2 M   ←

What are Variables?

Variables are names bounded to objects.

Variables in Python

Variable Assignment

Variable_name = Value

A = 5, a = 10

Variables in Python

How variables work in Python?

```
i=5
j=i
j=3

print(i)
```

Variables naming rules in Python

1. Python is case-sensitive.
    A=5 and a=5 are different

2. Variable name cannot start with special character except underscore (_)
    _sam=5 is valid but @sam=5 is invalid

3. Variable name cannot start with a number.
    9sam =5 is invalid

Data types in Python

int – Integer numbers,
Eg:- 4, -5 etc.

bool – Boolean values,
Eg:- True and False

float – Decimal numbers,
Eg:- 4.5, -6.7 etc.

str – Strings,
Eg:- "Python"

Thank You