

Day - 2

Variables and Data Types in Python.

Variable - name \rightarrow value to store data.

Datatype - how data is stored,
what operation performed on it

List - Ordered collection of items
[1, 2, 3]

tuple - Immutable list -
(1, 2, 3)

dict - Key-value pairs
"name": "sugar"

Set \rightarrow unordered collection of
unique items
{1, 2, 3}

input() function - get i/p from user
returns a string

```
name = input("Enter a your  
name: ")
```

```
print("Hello, " + name + "!")
```

f-string \rightarrow insert variables or
expressions directly inside
a string using `{}`.

type () function - Check the type of variable.

name = Sugan

Print (type (name))

O/p : <class 'str'>

type Casting → Change one data type to another data type.

age = "25"

age = int (age)

Print (age + 1)