**DATA SCIENCE – BWT – WEEK – 2**

**TASK – 5**

**SAIFULLAH KHAN**

**Built-In Data Structures In Python**

Python has several built-in data structures. These include:

**1. Lists:** Ordered, mutable collections of items. They can contain elements of different types.

**- Example:** `list = [1, 2, 3, 'a', 'b', 'c']`

**2. Tuples:** Ordered, immutable collections of items. They can also contain elements of different types.

**- Example:** `tuple = (1, 2, 3, 'a', 'b', 'c')`

**3. Sets:** Unordered collections of unique items.

**- Example:** `set = {1, 2, 3, 4, 5}`

**4. Dictionaries:** Unordered collections of key-value pairs. Keys must be unique and immutable.

**- Example:** `dict = {'name': 'Saifullah khan', 'age': 21, 'city': 'Islamabad'}`

**5. Strings:** Ordered, immutable sequences of characters.

**- Example:** `string = "Hello, g !!"`

These data structures are versatile and provide the foundation for most data manipulation tasks in Python.