



CODE CRAFT ZOBAER

Machine Learning with Python

- **List:**

Lists are used to store multiple items in a single variable.

Syntax:

```
a = [10, "Code Craft Zobaer", 10.5, True, 5]
```

10[0]	CODE CRAFT ZOBAER[1]	10.5[2]	True[3]	5
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Access the elements using index number

- **Tuple:**

Tuple items are ordered, unchangeable, and allow duplicate values.

So that we need to type cast

Syntax:

```
a = (10, "Code Craft Zobaer", 10.5, True, 5)
```

Access the elements using index number

- **Set:**

A set is a collection which is *unordered*, *unchangeable**, and *unindexed*. // { }

Syntax:

```
a = {10, "Code Craft Zobaer", 10.5, True, 5}
```

Access the elements using index number

- **Dictionary:**

A dictionary is a collection which is ordered*, changeable and do not allow duplicates.

Dictionaries are used to store data values in **key:value** pairs.

Syntax:

```
a = {"Name": "Zobaer", "ID": 21, "Section": "B20"};
```

Access the elements using Key.