

dictionaries

Dictionaries are data structures that store information in key:value pairs. They are especially useful for saving and retrieving information from the names of their keys (not using indexes).







```
mi dict = {"curse":"TOTAL Python", "class":"Dictionaries"}
```

add new data, or modify it

```
mi_dict["resources"] = ["notes", "exercises"]
```

access to values through the name of the keys

```
print(mi_dict["resources"][1])
>> "exercises"
```

methods to list the names of keys, values, and key:value pairs







^{*:} As of Python 3.7+, dictionaries are ordered data types, in the way that their order is maintained according to their insertion order to increase memory efficiency.