DATA ANALYSIS WITH PYTHON (DATA SCIENCE WITH PYTHON)

Built-in Data Types

Variables can store data of different types, and different types can do different things.

Text Type.	**str**
Numeric Types	**int, float, complex**
Sequence Types	**list, tuple, range**
Mapping Type	**dict**
Set Types	**set, frozenset**
Boolean Types	**bool**
Binary Type	**bytes, bytearray, memoryview**
None Type	**NoneType**

1.Write a Python program to create a list, a dictionary, and a set. Perform basic operations like adding, removing, and modifying elements.

```python
# List of car brands

cars = ["BMW", "Honda", "Maruti Suzuki"]
cars.append("Hyundai")
cars.insert(2, "Ford")
cars.remove("Maruti Suzuki")
print("Car Brands:", cars)

# Dictionary
person = {"name": "Dhruv", "age": 20}
person["occupation"] = "Engineer"
del person["age"]
print("Person:", person)

# Set of car types
types = {"Sedan", "Hatchback"}
types.add("SUV")
types.remove("Hatchback")
print("Car Types:", types)
```

Output :

Car Brands: ['BMW', 'Honda', 'Ford', 'Hyundai']

Person: {'name': 'Aditya', 'occupation': 'Engineer'}

Car Types: {'Sedan', 'SUV'}