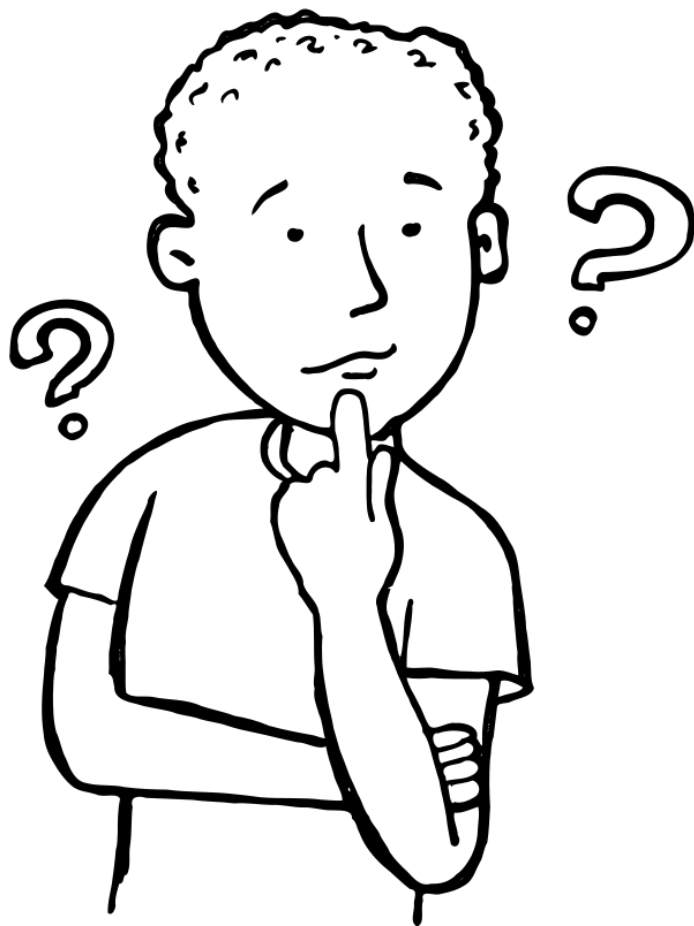# Data Types

What is Data Types? 🤔❓

- **In real life, we have different types of data.**
  - names -> Ratan Tata
  - numbers -> 100,99.99
  - Storing the name of a product.
    - -> gaming chair
  - Storing a list of product names in a shopping cart.
    - ['laptop','chair']
  - complex numbers like ai+b

○ **Stock name with price**
  ■ **{'tata motors':980.20}**
○ **number of stocks**
  ■ **tata_motors_stocks=100**
○ **Storing coordinates of a location (latitude, longitude).**
  ■ **indian(20.00000000, 77.00000000)**
○ **many more...**

○ **So many data types.**

○ **Right?**

○ **Thinking how to store such kind of data into the programming language???**

○ **That's where data types comes into the picture...**

1 Numeric Types
- int
- float
- complex +

2 Text Type 📑
- str

3 Mapping Type 🌐
- dict

4 Set Types 🌿
- set
- frozenset ❄️

5 Boolean Type 💡
- bool 🟢

6 Sequence Types 📚
- list
- tuple
- range

○ **We will cover each data types one by one in upcoming posts...**

7 Binary Types 💾
- bytes
- bytearray 💾+
- memoryview 🧠

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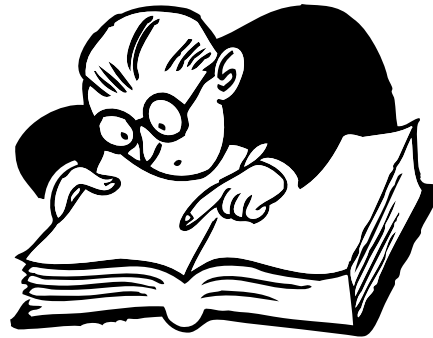
Comment
Questions

Thank
You