Applied Social Data Science Coding Camp

Setup · Orientation

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Schedule

10am - 1pm

- · Monday: Introduction
- Tuesday: R Basics + Good practices

10am - 12pm

- · Thursday: Python basics
- Friday: How to write up and report \text{ET}_EX

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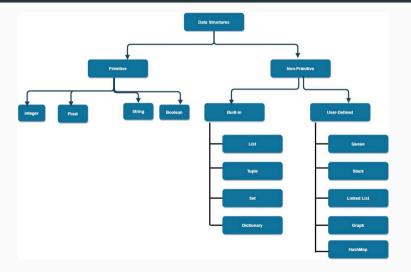
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- Primary users of Python include developers and programmers (R is used more by scientists/Research & Development who frequently rely on data analysis)

Python Data Structures

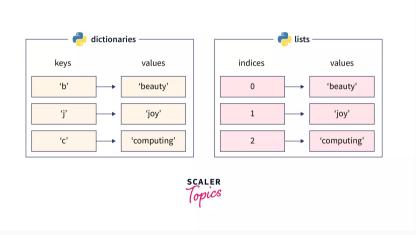
Every variable in Python has a type, indicating the nature of the value that it stores.

- · Primitive: Simplest forms of representing data
- Non-primitive: These contain primitive values within more complex data structures for special purposes.

Python Data Structures



Differences from R



Differences from R

```
while x < 10:

print("x is currently", x)

x = x + 1

if x > 5:

print("x approaching 10")

Outer block

Inner block 1

Inner block 2
```

Let's try it out!

Step 1

Open **Anaconda Prompt** first

Then: launch Jupyter Notebook from Anaconda Navigator

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