

Python Data Structures

- A way of organizing and storing data so they can be accessed and worked with efficiently.

```
graph TD; A["Python Data Structures"] --> B["Primitive"]; A --> C["Non-Primitive"]; B --> D["Integer"]; B --> E["Float"]; B --> F["String"]; B --> G["Boolean"];
```

Python
Data Structures

Primitive

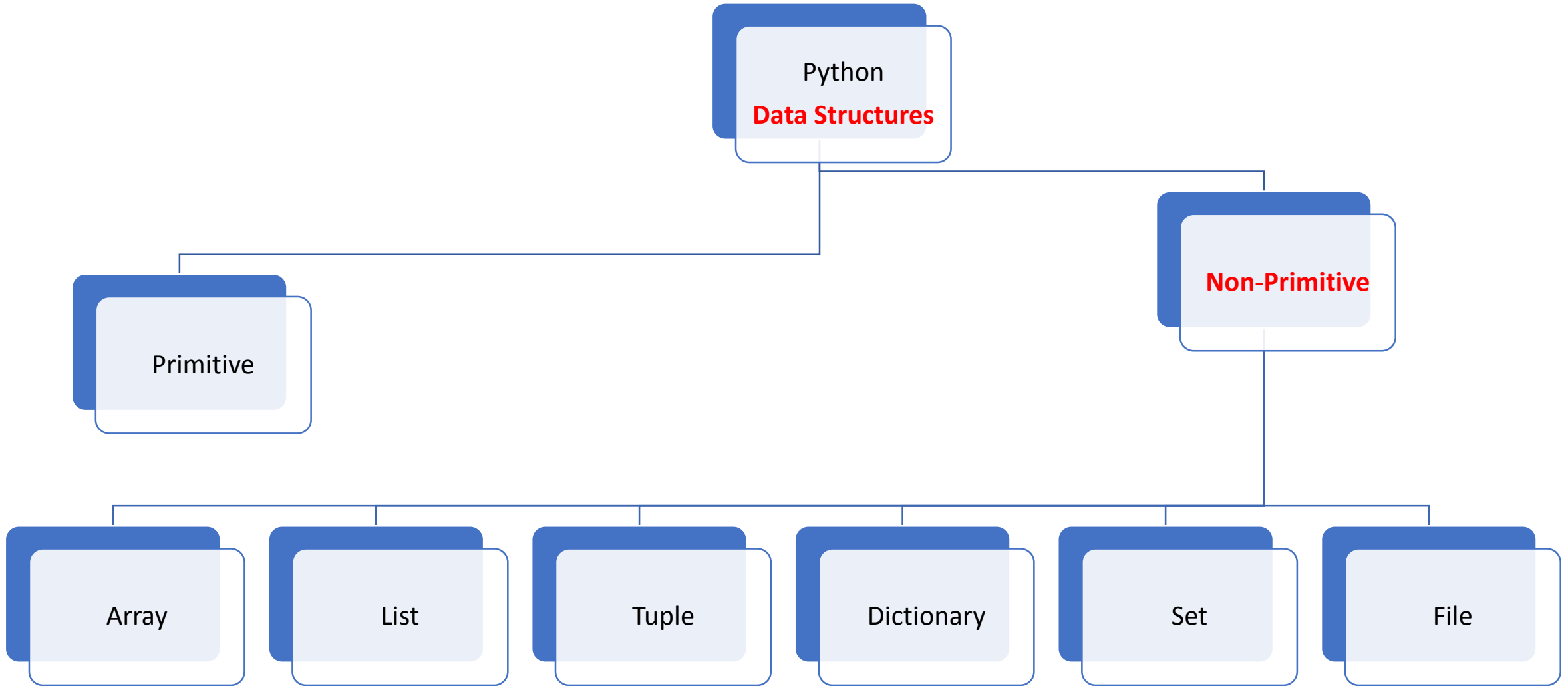
Non-Primitive

Integer

Float

String

Boolean



Common Data Types

	Data Type	Examples
int	Integers	-2, -1, 0, 1, 2, 3, 4, 5
float	Floating Point Numbers	-1.25, -1.0, -0.5, 0.0, 0.5, 1.0, 1.25
str	Strings (Text) *Enclosed in 'single quotes', or "double quotes"	'25', 'a', 'cat', 'Hello!', '11 cats', " " (blank string) "25", "a", "cat", "Hello!", "11 cats"
bool	Boolean True with a capital T False with a capital F	True or False