Built-in Data Types

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Data types in Python

- Numeric Types
- Sequences Types
- Sets Types
- Mappings Types

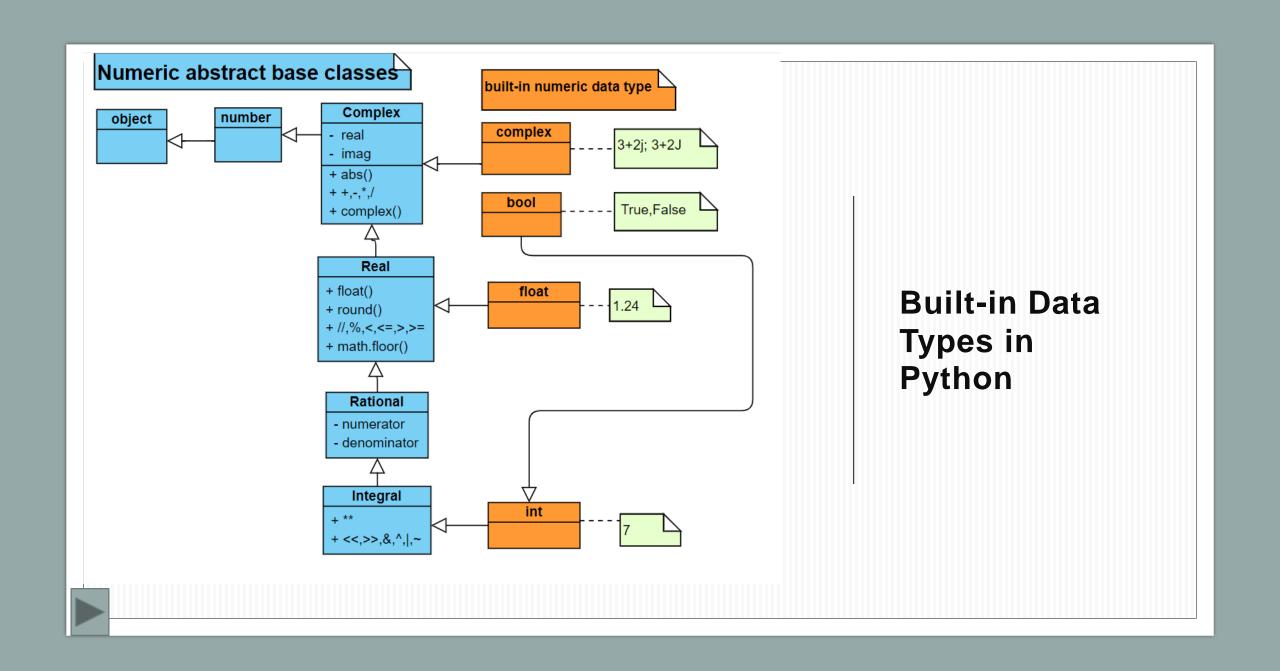
• ...

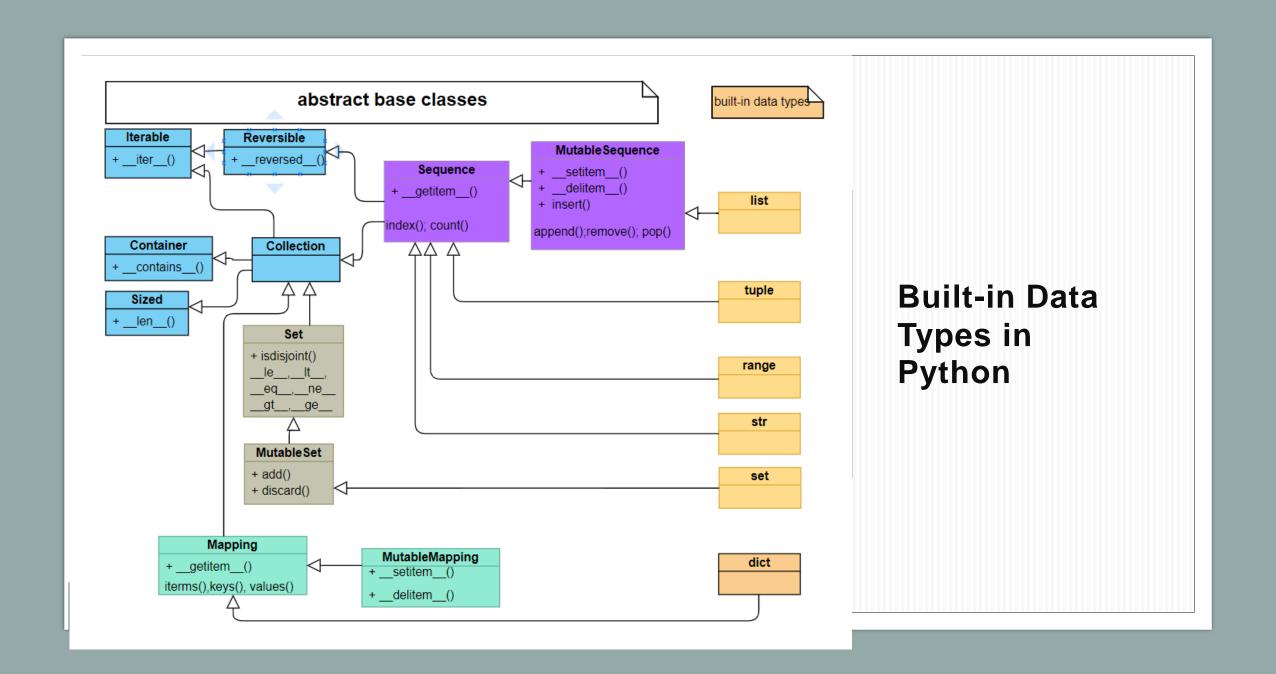
Built-in Data Types in Python

An abstract base class (ABC)

a blueprint for other classes.

Built-in Data Types in Python





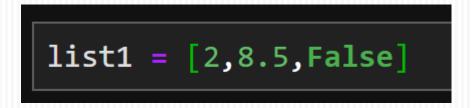
Sequences

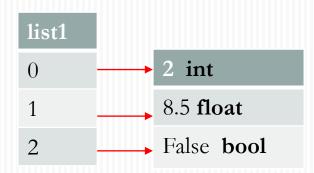
- There are three basic sequence types:
 - > Lists;
 - > Tuples;
 - > Range objects.

Text Sequence Type — str.

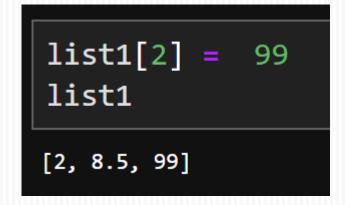
Lists

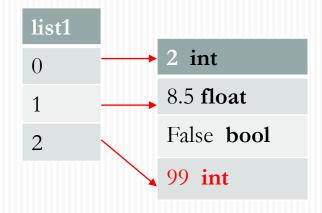
a collection which is ordered and mutable.





A list object is mutable.

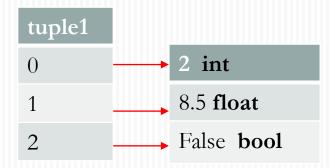




Tuple

a collection which is ordered and immutable.

```
tuple1 = (2,8.5,False)
```





Ranges

represents an immutable sequence of numbers.



Strings

a special type of sequence that can only store characters.



 A set contains an unordered collection of unique and immutable objects.

Set types



A mapping object

There is currently only one standard mapping type, the *dictionary*.

Mapping types

