

Python Data Types

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graph LR; A[Python Data Types] --> B[Numeric]; A --> C[Sequence]; A --> D[Boolean]; A --> E[Set]; A --> F[Dictionary]; B --> B1["Integer (int)  
x = 10"]; B --> B2["Float (float)  
x = 3.14"]; B --> B3["Complex (complex)  
x = 1 + 2j"]; C --> C1["String (str)  
x = 'Hello'"]; C --> C2["List (list)  
x = [1, 2, 3]"]; C --> C3["Tuple (tuple)  
x = (1, 2, 3)"]; D --> D1["Bool (bool)  
x = True"]; E --> E1["Set (set)  
x = {1, 2}"]; E --> E2["Frozenset (frozenset)  
x = frozenset({1, 2})"]; F --> F1["Dictionary (dict)  
x = {'k': 'v'}"];
```

Numeric

Integer (int)
x = 10

Float (float)
x = 3.14

Complex (complex)
x = 1 + 2j

Sequence

String (str)
x = "Hello"

List (list)
x = [1, 2, 3]

Tuple (tuple)
x = (1, 2, 3)

Boolean

Bool (bool)
x = True

Set

Set (set)
x = {1, 2}

Frozenset (frozenset)
x = frozenset({1, 2})

Dictionary

Dictionary (dict)
x = {"k": "v"}