**Python Data Types**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Ordering** | **Mutability** | **Elements** | **Examples** |
| integer | N/A |  | N/A | 0, 2, -3 |
| float | N/A |  | N/A | 0.0, 2.4, -3.5 |
| boolean | N/A |  | N/A | True/False |
| string |  |  |  | "", "a", 'Abc', "node's name" |
| tuple |  |  |  | (), ('a',), (2, [2,3], ("hi", 4)) |
| list |  |  |  | [], ['a'], [[1, "b"],["a"]] |
| set |  |  |  | set() {'a'}  set([1, 2]) (can create from a list) 🡺 {1, 2} |
| dict |  |  |  | {}, {'a':5, 'b':4, 'c':1}, {1121:["a", "b"], 345:["c", "d"]} |

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| float | N/A |  | N/A |  |
| boolean | N/A |  | N/A |  |
| string |  |  |  |  |
| tuple |  |  |  |  |
| list |  |  |  |  |
| set |  |  |  |  |
| dict |  |  |  |  |