

### *Class (can be instantiated)*

- *Functions*
  - .
  - .
- *Attributes*
  - .
  - .

Example: array in NumPy

### *Object*

- *Same functions as Class*
  - .
  - .
- *Same attributes as Class*
  - .
  - .

Example: `a = np.array()`  
(in this case a data structure)

### *Module (not instantiated)*

- *Functions*
  - .
  - .
- *Attributes*
  - .
  - .

Example: math module  
(`math.sqrt()` -- function)  
(`math.pi` -- constant)

### Common standard data types:

#### Numerical:

- Int (integers)
- Float (decimals of various sizes)

#### Non-numerical:

- Boolean (T/F)
- String (letters/characters)

#### Data structure:

- List (ordered set of objects, indexed, mutable)
- Dictionary (unordered, keyed)
- Tuple (ordered set of objects, indexed, immutable)