

# Classes & Objects

**Everything in python is an object!**

```
graph TD; Class[Class] --- Attributes[Attributes(data fields)]; Class --- Methods[Methods(Functions): used to manipulate the attributes];
```

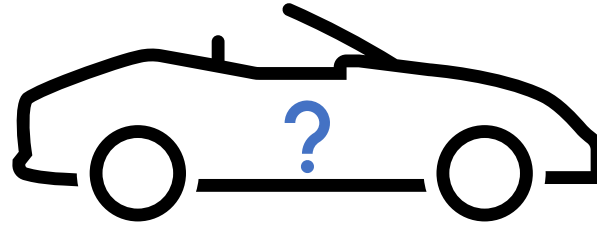
Class

Attributes(data fields)

Methods(Functions):  
used to manipulate the  
attributes

**Attributes:**

- Color
- Make
- Year
- Milage
- Speed



**Methods:**

- Accelerate()
- Brake()
- read milage()

Class Car

**Object 1**

Blue  
Ford  
2016  
4000  
0



**Object 2**

Silver  
Jeep  
2009  
20000  
0

