

Object Oriented Programming - Introduction

What is Object Oriented Programming ?

Python is an object oriented programming language.
It gives us unique abilities to use our code in a flexible and reusable way.

All professional programmers who write on Python, Java and many other languages, are experts in OOP (short of Objects Oriented Programming).

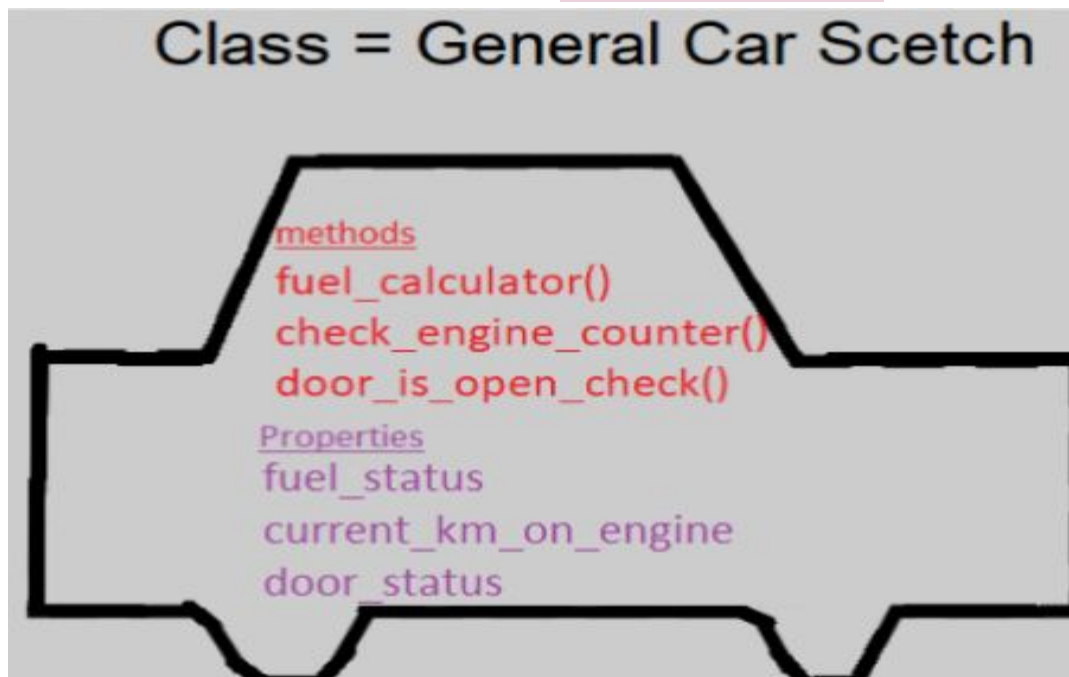
Introductory Visualization

So basically it comes down to this :

There is a new entity that we are going to study - **Class**.

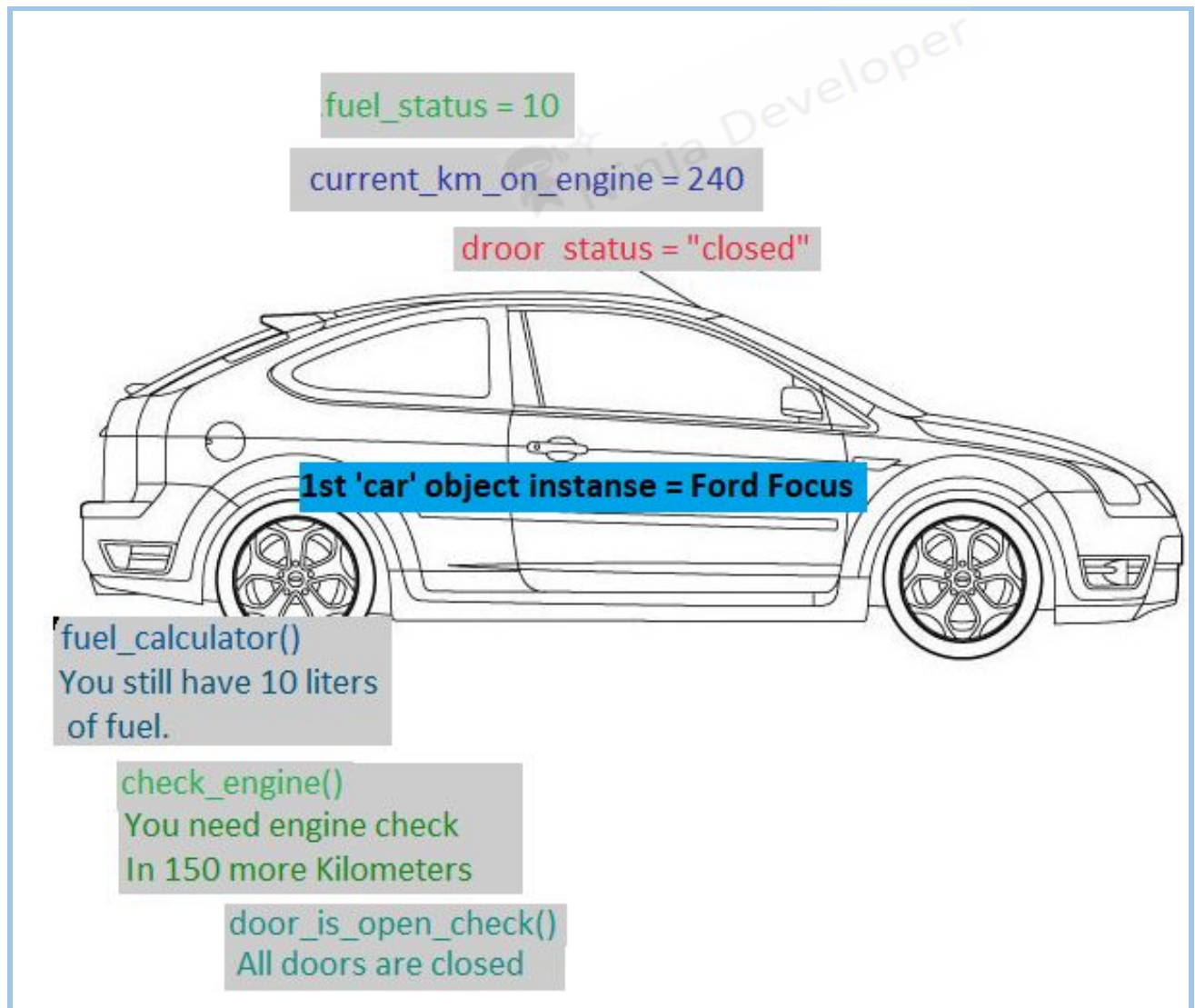
A class is what will wrap our **methods**, and our **properties**.

In reference to cars - A class is as a basic sketch of a car :



From this basic sketch we can now create **a new Instance of an object**, for a specific car model. You can re-use its methods endlessly for each car model.

1st Object Instance is → Ford Focus



2st Object Instance is → Audi A3

