**Day 72- 90 days of Analytics: Classes**

In today’s video, we looked at the basics of classes in python

The following were mentioned

-Python is an object-oriented programming language.

-Almost everything in Python is an object, with its properties and methods.

-A Class is like an object constructor, or a "blueprint" for creating objects.

-To create a class, use the keyword class. Example

class MyClass:

x = 5

We can use the class named MyClass to create objects. Example

p1 = MyClass()

print(p1.x)

-All classes have a function called **\_\_init\_\_()**, which is always executed when the class is being initiated. We use the **\_\_init\_\_()** function to assign values to object properties, or other operations that are necessary to do when the object is being created: Example

class Person:

def \_\_init\_\_(self, name, age):

self.name = name

self.age = age

p1 = Person("John", 36)

-It should be noted that the **\_\_init\_\_()** function is called automatically every time the class is being used to create a new object.

-Objects can also contain methods. Methods in objects are functions that belong to the object. Example let us create a method in the Person class:

class Person:

def \_\_init\_\_(self, name, age):

self.name = name

self.age = age

def myfunc(self):

print("Hello my name is " + self.name

-Note should be taken that, the **self** parameter is a reference to the current instance of the class, and is used to access variables that belong to the class.

Link to the YouTube Recording: <https://www.youtube.com/watch?v=4aSsTj-PlFg>

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