Machine Learning Using Python

Day 5: Assignment

1. Write a Python class named Rectangle constructed by a length and width and a method which will compute the area of a rectangle.

2. Write a python class to display student's roll number, Name, marks of 3 subjects using functions. Also display sum and average of their marks using function.

3. Write a python program to delete an object's properties.

4. Write a Python class named Circle constructed by a radius and two methods which will compute the area and the perimeter of a circle.

5. Write a Python program to create the class named data that has three members – id, name and basic_salary. Create a new class named calculation that inherits the class data and calculates the HRA, DA and Gross salary using function. Display the id, name, salary, HRA, DA and gross salary. HRA is 45% of basis salary and DA is 60% of basic salary. Input the values from the user.