

Machine Learning Using Python

Day 4: Assignment

1. Write a Python function to print area and perimeter of a circle.
2. Write a Python function to check whether a number is even or odd.
3. Write a function to swap two numbers.
4. Write a Python function to calculate simple interest.
5. Write a Python function to calculate the factorial of a number.
6. Write a Python function that takes a list and returns a new list with unique elements of the first list.
7. Write a Python function that takes a number as a parameter and check the number is prime or not.
8. Write a Python function to calculate the average, maximum and minimum salary of 10 employees.
9. Write a Python function using lambda and map to calculate the square of each number in a list.
10. Using a lambda and map function, calculate the sum of all numbers of a list.
11. Using lambda and map calculate the cube of all numbers of a list and find minimum element and maximum element from the resultant list.
12. Calculate average of sum of cube of all numbers of a list by using lambda and map.