Machine Learning

Assignment – 2

Git-Hub Link: https://github.com/SreeVaastava/ML\_Assisgnment2

Video Link: https://drive.google.com/file/d/1xZKUWhAsso2h7eN3pA1J3WmhCCeqwfH0/view?usp=sharing

1. Use a python code to display the following star pattern using the for loop

A screenshot of a computer

Description automatically generated

1. Use looping to output the elements from a provided list present at odd indexes.

my\_list = [10,20,30,40,50,60,70,80,90,100]

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1. Write a code that appends the type of element from a given list.

Input

X=[23, ’Python’, 23.98]

Expected output

[23, ‘Python’, 23.98]

[<class ‘int’>,<class ‘str’>,<class ‘float’>]

A screenshot of a computer

Description automatically generated

1. Write a function that takes a list and returns a new list with unique items of the first list.

Sample List: [1,2,3,3,3,3,4,5]

Unique List: [1,2,3,4,5]

A computer screen shot of a program

Description automatically generated

1. Write a function that accepts a string and calculate the number of upper-case letters and lower-case letters.

Input String: ‘The quick Brow Fox’

Expected Output:

No.of Upper-case characters: 3

No.of Lower-case characters: 12

A computer screen shot of a program

Description automatically generated