**Assignment – 3**

**Name: Chethan Kacham**

**Username: CXK34890**

**Student ID: 700743489**

I have added all the code and commented the tasks as a heading in the code which are given to that specific question.

**Question – 1:**

Adding the screenshots of the code and output for Question -1

Code & Output:

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Chart

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

**Question – 2:**

Adding the screenshots of the code and output for Question -2

Code & Output:

Graphical user interface, text, application

Description automatically generated

A picture containing chart

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text

Description automatically generated

In GitHub Machine Learning repository, we have an Assignment 3 folder where I have uploaded code, screenshots, word document. Uploaded code of all questions in one single file main.ipynb and separate files for each question named as question1.ipynb and question2.ipynb. Please check jupyter notebook files because in the jupyter only we can see two correlation graphs, in pycharm files we are able to see only one because we are plotting using matplotlib. The following is the link of the GitHub repository

**GitHub link:** <https://github.com/ChethanKacham/MachineLearning.git>

**Video link:** <https://youtu.be/n0x4J6sxFKw>