# NEURAL NETWORK AND DEEP LEARNING

Lesson3: ICP3

Name: Gutta Sreeya

Student ID: 700745419

CRN: 22280

GitHub Link: https://github.com/Sreeya2112/ICP3.git

1. Create a class Employee and then do the following

• Create a data member to count the number of Employees

• Create a constructor to initialize name, family, salary, department

• Create a function to average salary

• Create a Fulltime Employee class and it should inherit the properties of Employee class

• Create the instances of Fulltime Employee class and Employee class and call their member functions.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Numpy Using NumPy create random vector of size 20 having only float in the range 1-20. Then reshape the array to 4 by 5 Then replace the max in each row by 0 (axis=1) (you can NOT implement it via for loop)

A screenshot of a computer

Description automatically generated