



# **Experiment 1**

Student Name: Upwan

Semester: 5th

**Branch:CSE** 

**Subject Name: Machine Learning Lab** 

**UID: 21BCS8105** 

Section/Group: 20BCS\_WM-702A Date of Performance: 24/08/2022

**Subject Code: 20CSP-317** 

### Aim/Overview of the practical:

Implement Exploratory Data Analysis on any data set.

#### Task to be done:

To implement exploratory data analysis on any data set.

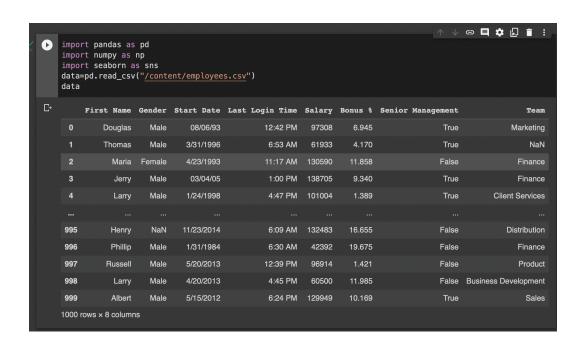
### **Apparatus/Simulator Used:**

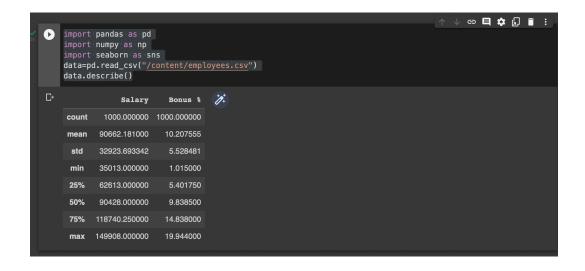
- Google Collab
- Python
- .csv file





#### **Code and Output:**











```
import pandas as pd
import numpy as np
import seaborn as sns
data=pd.read_csv("/content/employees.csv")
data.nunique()

First Name 200
Gender 2
Start Date 972
Last Login Time 720
Salary 995
Bonus % 971
Senior Management 2
Team 10
dtype: int64
```







## **Learning outcomes (What I have learnt):**

- 1. Learnt how to implement exploratory data for analysis
- 2. Learnt about numpy, seaborn, pandas libraries.
- 3. Learnt about different method to implement exploratory data for analysis

#### **Evaluation Grid:**

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Student Performance (Conduct of experiment) objectives/Outcomes.		12
2.	Viva Voce		10
3.	Submission of Work Sheet (Record)		8
	Total		30

