



## **Experiment 1**

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Branch: CSE Section/Group: 20BCS\_WM-702A
Semester: 5<sup>th</sup> Date of Performance: 24/08/2022

Subject Name: Machine Learning Lab 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.

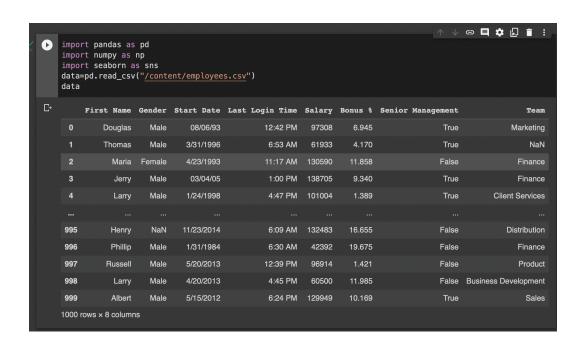
**Apparatus/Simulator Used:** 

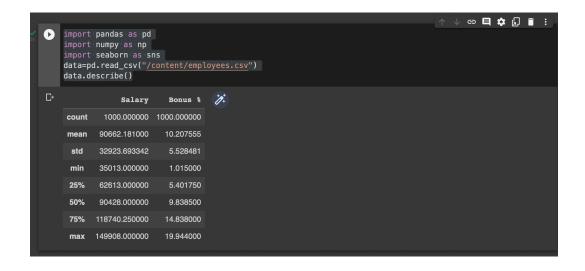
- Google Collab
- Python
- .csv file





## **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

