Name - Mayur Kapgate

Roll No. - 428 **Batch** - D2 **PRN No.** - 202201040065

EDS Practical Assignment 1

Code :

```
import pandas as pd


# Load the CSV file into a pandas DataFrame

df = pd.read_csv('/content/StudentDetails.csv')


# Calculate the average, max, min, count, sum and percentage of each column

avg = df.mean()

max = df.max()

min = df.min()

count = df.count()

sum = df.sum()

percentage = df.mean() / 100 * 50


# Print the results

print("Average:\n", avg)

print("\nMax:\n", max)

print("\nMin:\n", min)

print("\nCount:\n", count)

print("\nSum:\n", sum)

print("\nPercentage:\n", percentage)
```

Output :

Average:

Student ID 3.00

Student SGPA 7.98

dtype: float64

Max:

Student ID 5

Student Name Rohan

Student Branch Mechanical

Student SGPA 9.3

dtype: object

Min:

Student ID 1

Student Name Ankit

Student Branch Chemical

Student SGPA 6.7

dtype: object

Count:

Student ID 5

Student Name 5

Student Branch 5

Student SGPA 5

dtype: int64

Sum:

Student ID	15
Student Name	MayurPunitRohanAnkitArpan
Student Branch	ComputerMechanicalCivilENTCChemical
Student SGPA	39.9

dtype: object

Percentage:

Student ID	1.50
Student SGPA	3.99

dtype: float64

File :

https://drive.google.com/file/d/1n1JxHHKZc1m46hL7QZtO4fhGuvnWHh3C/view?usp=share_link