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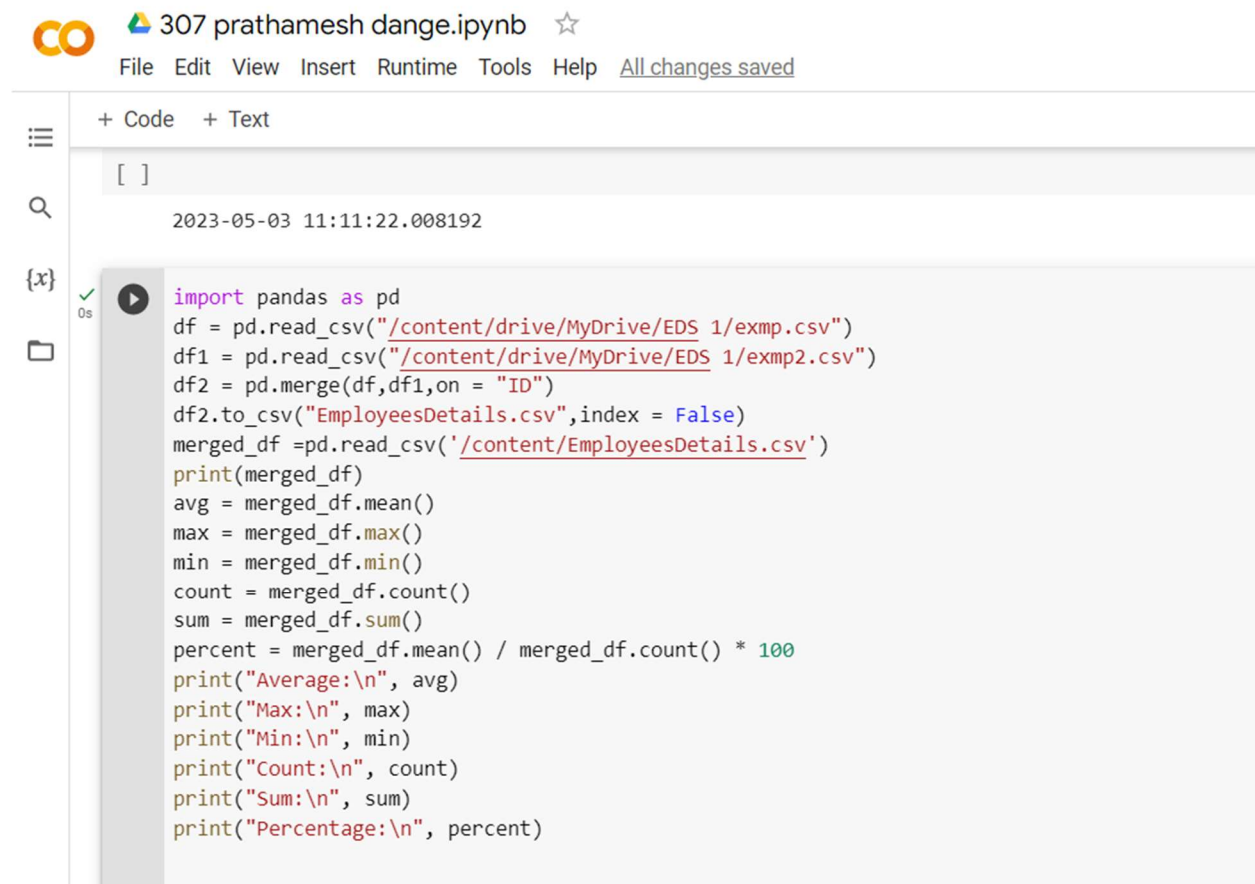
Roll no. :307

PRN:202201090023

Question:

Perform all statistical analysis (Average, Max, Min, Count, Sum, Percentage) on it

Code:



The screenshot shows a Jupyter Notebook interface with a file named '307 prathamesh dange.ipynb'. The notebook contains a single code cell with the following Python code:

```
import pandas as pd
df = pd.read_csv("/content/drive/MyDrive/EDS 1/exmp.csv")
df1 = pd.read_csv("/content/drive/MyDrive/EDS 1/exmp2.csv")
df2 = pd.merge(df,df1,on = "ID")
df2.to_csv("EmployeesDetails.csv",index = False)
merged_df =pd.read_csv('/content/EmployeesDetails.csv')
print(merged_df)
avg = merged_df.mean()
max = merged_df.max()
min = merged_df.min()
count = merged_df.count()
sum = merged_df.sum()
percent = merged_df.mean() / merged_df.count() * 100
print("Average:\n", avg)
print("Max:\n", max)
print("Min:\n", min)
print("Count:\n", count)
print("Sum:\n", sum)
print("Percentage:\n", percent)
```

Result:

307 prathamesh dange.ipynb ☆

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```
0 1 Om Borle 5 HR 1025000
1 2 Om Bhoyar 3 Jr. Backend Developer 780000
2 3 Subbudha 4 Product Tester 890000
3 4 Shambhu 4 Frontend Developer 700000
4 5 Vijay 3 Quality Incharge 650000
5 6 Prasad 5 Manager 850000
6 7 Sahil 4 Risk Analyser 710000
7 8 Apporva 6 Full Stack Developer 650000
8 9 Sudarshan 3 Recruiter 412000
9 10 Pranay 4 Data enginner 900000

Average:
ID 5.5
Work Experience 4.1
Salary 756700.0
dtype: float64
Max:
ID 10
Name Vijay
Work Experience 6
Role Risk Analyser
Salary 1025000
dtype: object
Min:
ID 1
Name Om Borle
Work Experience 3
Role Data enginner
Salary 412000
dtype: object
Count:
```

```
ID 10
Name 10
Work Experience 10
Role 10
Salary 10
dtype: int64
Sum:
ID 55
Name Om BorleOm BhoyarSubbudhaShambhuVijayPrasadSa...
Work Experience 41
Role HRJr. Backend DeveloperProduct TesterFrontend ...
Salary 7567000
dtype: object
Percentage:
ID 55.0
Name NaN
Role NaN
Salary 7567000.0
Work Experience 41.0
dtype: float64
```

<ipython-input-4-bd84a3b35257>:8: FutureWarning: The default value of numeric_only in DataFrame.mean is deprecated. In a future version, it will default to False. In addition, specifying 'numeric_only=None' is deprecated. Select only valid columns or specify the value of numeric_only to silence this warning.

```
avg = merged_df.mean()
<ipython-input-4-bd84a3b35257>:13: FutureWarning: The default value of numeric_only in
DataFrame.mean is deprecated. In a future version, it will default to False. In
addition, specifying 'numeric_only=None' is deprecated. Select only valid columns or
specify the value of numeric_only to silence this warning.
    percent = merged_df.mean() / merged_df.count() * 100
```