Name : Sahil R. Jadhav

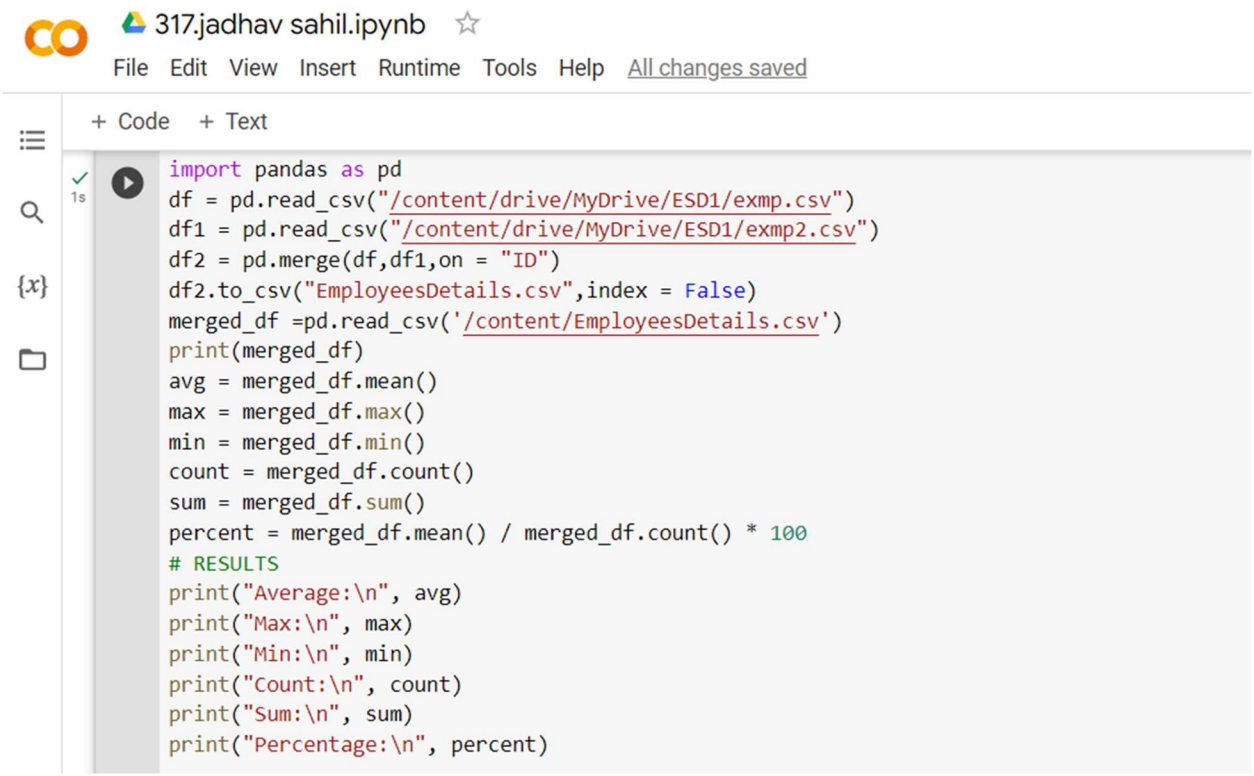
Roll No. : 317

PRN:202201050011

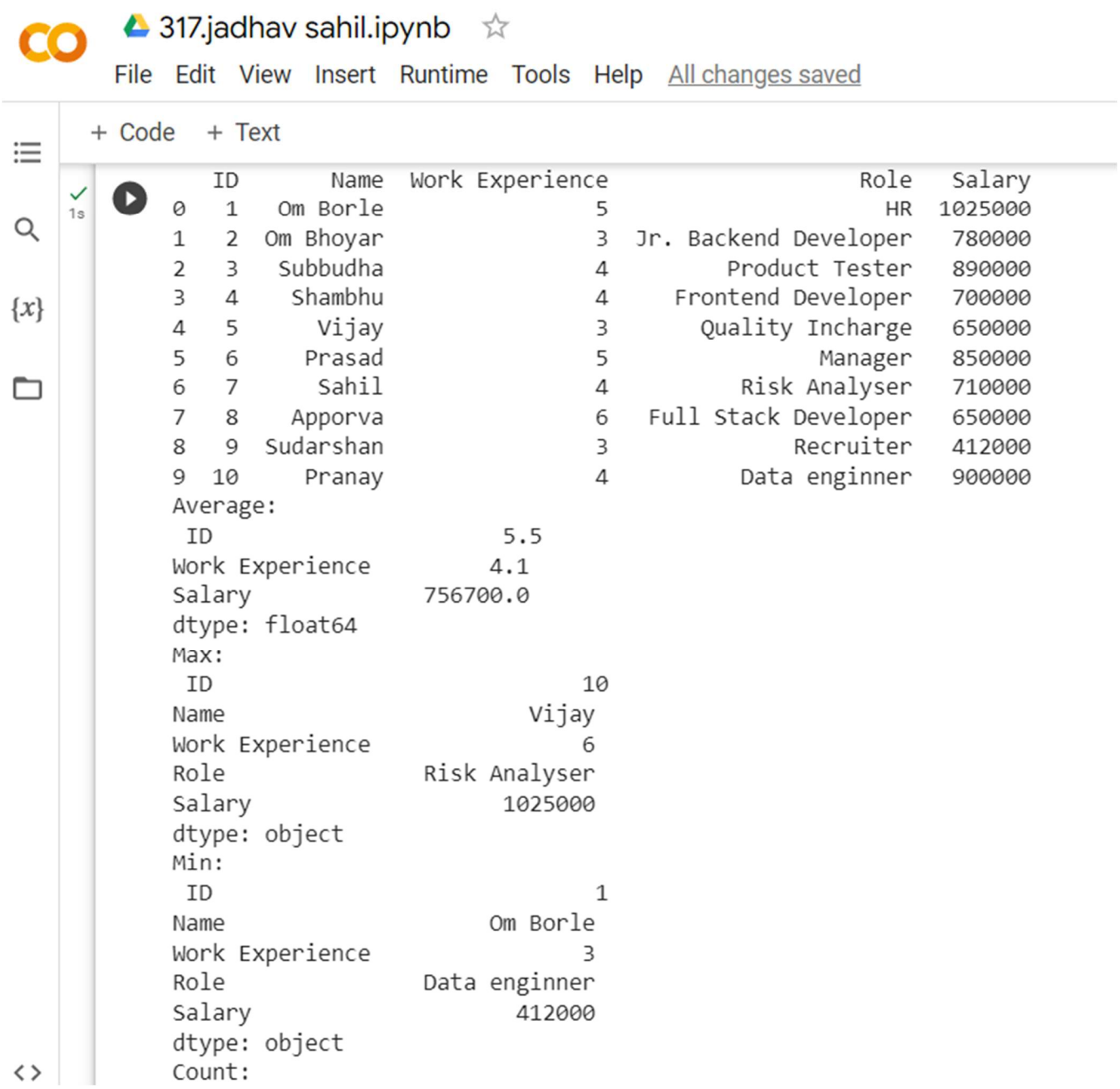
Question:

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

Code :



Result :




```
   ID       Name  Work Experience                 Role   Salary
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-1-74e7dab7f379>: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-1-74e7dab7f379>: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
```