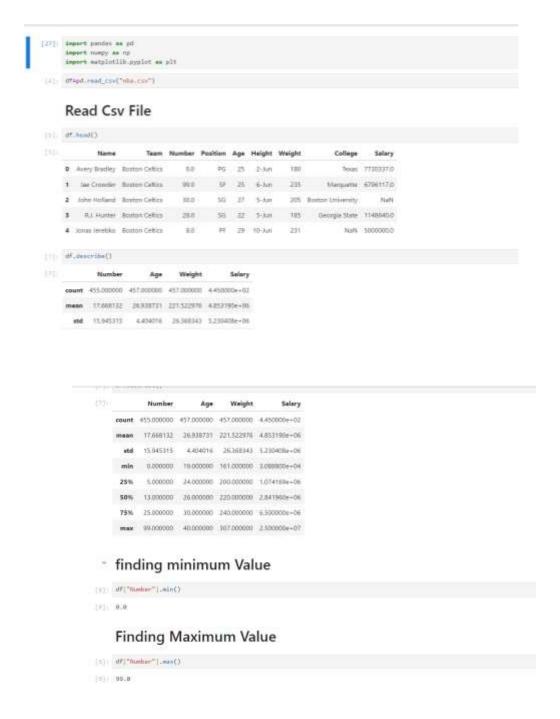
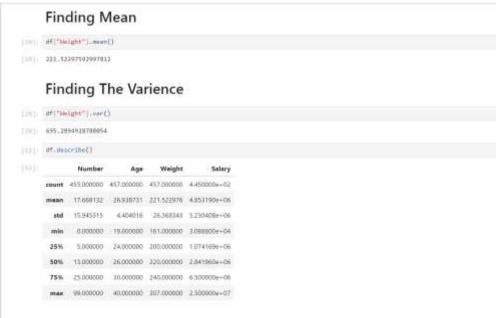
Name: Abhishek Mali Roll No.: 213070 PRN No.: 22320024

#### **TUTORIAL NO.2**

Perform the following operations using Python on the data sets Compute and display summary statistics for each feature available in the dataset. (e.g. minimum value, maximum value, mean, range, standard deviation, variance and percentiles), Create a histogram for each feature in the dataset to illustrate the feature distributions



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# 

## Range

Finding The Info

```
| manerizedf.select_frypes(includes(sp.number)).columns@columns in the numeric variable of number
| [16] | numeric |
| [18] | Index(("Number', 'Age', 'Melght', 'Solary'], Stype='object')
| [41] | ran=ff(numeric[.min()-df(numeric[.max())) |
| [42] | ran
```

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# Standard Deviation

```
['sr]; [ep.std(dF["set[pen"])
['sr]; 24.370477437280433
```

## Percentile

50

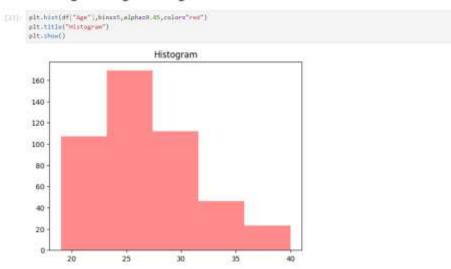
0

```
| ng.percentile(df,"Meight"],(W)|
|TE|| 238.0
```

# Histogram of The Number

# Finding The Age Histogram

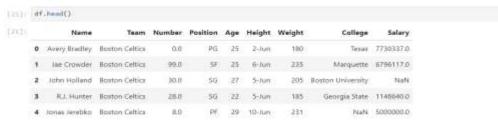
20



80

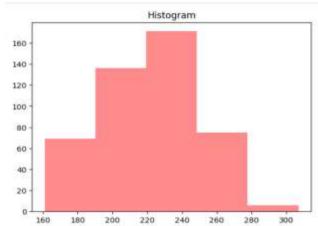
100

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# Finding The Weight Histogram





## Finding The Histogram Of Salary

| plt.hist(df)"Salary"],binerS,alphan8.45,calor="red")
plt.title("Histogram")
plt.show()

# Finding The Histogram Of Salary

plt.hist(df["Salary"],bins=5,alpha=0.45,color="rwd")
plt.titl=("Histogras")
plt.show()

