```
import numpy as np
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt

df=pd.read_csv(r"C:\Users\ASUS\Documents\pythonStack\DS_PR\
Employee_2.csv")

df.head()
```

```
   Education  JoiningYear       City  PaymentTier  Age  Gender
EverBenched  \
0  Bachelors         2017  Bangalore            3   34    Male
No
1  Bachelors         2013       Pune            1   28  Female
No
2  Bachelors         2014  New Delhi            3   38  Female
No
3    Masters         2016  Bangalore            3   27    Male
No
4    Masters         2017        NaN            3   24    Male
Yes

   ExperienceInCurrentDomain  LeaveOrNot    Salary
0                          0           0  171369.0
1                          3           1  136993.0
2                          2           0  113807.0
3                          5           1  166478.0
4                          2           1  393136.0
```

```
for i in ['Age','JoiningYear','Salary']:
    mean_value = df[i].mean()
    median_value = df[i].median()
    mode_value = df[i].mode()[0]
    print(f"{i} Mean is -> {mean_value.round()}")
    print(f"{i} Median is -> {median_value }")
    print(f"{i} Mode is -> {mode_value.round() }")
    print(".............................................")
```

```
Age Mean is -> 26.0
Age Median is -> 26.310459324847805
Age Mode is -> 26.0
.............................................
JoiningYear Mean is -> 2015.0
JoiningYear Median is -> 2015.0769230769226
JoiningYear Mode is -> 2015.0
.............................................
Salary Mean is -> 224240.0
Salary Median is -> 224240.3236929923
```

```
Salary Mode is -> 224240.0
.........................................
```

```
grouped_stats = df.groupby('Education')['Salary'].agg(['mean',
'median', 'min'])

grouped_stats
```

Education	mean	median	min
Bachelors	224240.323693	224240.323693	224240.323693
Masters	224240.323693	224240.323693	224240.323693
PHD	224240.323693	224240.323693	224240.323693

```
salary_lists = grouped_stats.apply(list)

city_count = df['City'].value_counts()
print(city_count)
```

```
City
Bangalore    840
Pune         497
New Delhi    456
Name: count, dtype: int64
```

```
plt.figure(figsize=(6, 4))
sns.barplot(x='Education', y='Salary',data=df)
```

```
<Axes: xlabel='Education', ylabel='Salary'>
```