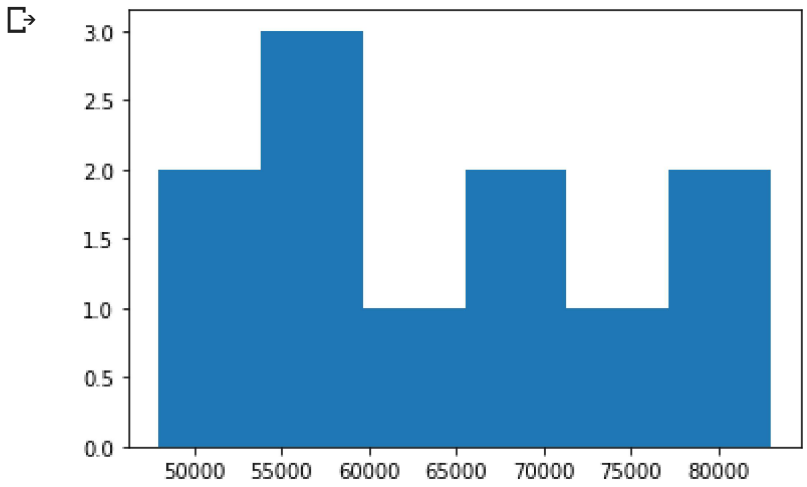
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt


data=pd.read_csv('Data_for_Transformation.csv')
#data info
print(data.info())
print(data)
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 11 entries, 0 to 10
Data columns (total 4 columns):
 #   Column     Non-Null Count  Dtype 
---  ------     --------------  ----- 
 0   Country    11 non-null     object
 1   Age        11 non-null     int64 
 2   Salary     11 non-null     int64 
 3   Purchased  11 non-null     object
dtypes: int64(2), object(2)
memory usage: 480.0+ bytes
None
    Country  Age  Salary Purchased
0    France   44   72000        No
1     Spain   27   48000       Yes
2   Germany   30   54000        No
3     Spain   38   61000        No
4   Germany   40   68000       Yes
5    France   35   58000       Yes
6     Spain   39   52000        No
7    France   48   79000       Yes
8   Germany   50   83000        No
9    France   37   67000       Yes
10    Spain   45   55000        No
```

```
#scatter chart
plt.scatter(data['Age'],data['Salary'])
plt.show()
```

```
#histogram
plt.hist(data['Salary'],bins=6) #bins = num of columns you want
plt.show()
```




```
data['Country'].value_counts()[:20].plot(kind='bar') #bar chart as per number of occurance
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7fc88ebe6198>
```