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```
[1]: import numpy as np
     import pandas as pd
     import statistics as st
     import matplotlib.pyplot as plt
```

```
[2]: df = pd.read_csv('ICICIBANK.csv')
```

```
[3]: df1=df['Open']
```

```
[4]: df1
```

```
[4]: 0          74.35
     1          73.05
     2          70.00
     3          71.00
     4          69.00
                ...
     5301      602.00
     5302      593.25
     5303      598.00
     5304      622.55
     5305      610.10
     Name: Open, Length: 5306, dtype: float64
```

```
[5]: np.mean(df1)
```

```
[5]:  551.5585375047116
```

```
[6]:  np.median(df1)
```

```
[6]:  399.0
```

```
[14]:  np1=np.sort(df1)
       np1
```

```
[14]:  array([  67.  ,    68.6 ,    69.  , ..., 1765.1 , 1766.  , 1767.05])
```

```
[8]:  np.min(df1)
```

```
[8]:  67.0
```

```
[9]:  np.max(df1)
```

```
[9]:  1767.05
```

```
[10]:  st.mode(df1)
```

```
[10]:  142.0
```

```
[15]:  np.shape(np1)
```

```
[15]:  (5306,)
```

```
[16]:  np.ndim(np1)
```

```
[16]:  1
```

```
[17]:  np1.reshape(758,7)
```

```
[17]:  array([[  67.  ,    68.6 ,    69.  , ...,    69.15,    70.  ,    71.  ],
              [  71.5 ,    72.  ,    72.  , ...,    73.  ,    73.05,    73.1 ],
              [  74.  ,    74.35,    74.5 , ...,    76.95,    77.  ,    77.9 ],
              ...,
              [1626.  , 1655.5 , 1661.  , ..., 1678.5 , 1680.7 , 1683.55],
              [1685.5 , 1686.  , 1687.  , ..., 1693.2 , 1708.2 , 1714.4 ],
              [1719.5 , 1725.  , 1740.  , ..., 1765.1 , 1766.  , 1767.05]])
```

```
[ ]:
```