In [7]:
```
import pandas as pd
df = pd.read_csv('House_Rent_main4.csv')
```

In [8]:
```
df1 = df
```

In [9]:
```
#import dependencies
from scipy import stats
```

In [10]:
```
#choosing a column
data = df1["BHK"]
data
```

Out[10]:
```
0       2
1       2
2       2
3       2
4       2
       ..
4714    2
4715    3
4716    3
4717    3
4718    2
Name: BHK, Length: 4719, dtype: int64
```

In [13]:
```
#t-test for charges
stats.ttest_1samp(data, 0)
```

Out[13]:
```
TtestResult(statistic=177.91347020427807, pvalue=0.0, df=4718)
```

In [12]:
```
#t-test for charges
stats.ttest_1samp(data, 1)
```

Out[12]:
```
TtestResult(statistic=91.77684704905205, pvalue=0.0, df=4718)
```

In [14]:
```
t_statistic, p_value = stats.ttest_1samp(a=data, popmean=5000)
print(t_statistic , p_value)
```

```
-430505.20230592595 0.0
```

In [ ]:

In [ ]: