

In [1]:

```
import pandas as pd
import numpy as np
from scipy import stats
```

executed in 1.57s, finished 19:55:50 2021-11-26

In [2]:

```
df = pd.read_csv('Costomer+OrderForm.csv')
```

executed in 43ms, finished 19:56:38 2021-11-26

In [3]:

df

executed in 68ms, finished 19:56:43 2021-11-26

Out[3]:

	Phillippines	Indonesia	Malta	India
0	Error Free	Error Free	Defective	Error Free
1	Error Free	Error Free	Error Free	Defective
2	Error Free	Defective	Defective	Error Free
3	Error Free	Error Free	Error Free	Error Free
4	Error Free	Error Free	Defective	Error Free
...
295	Error Free	Error Free	Error Free	Error Free
296	Error Free	Error Free	Error Free	Error Free
297	Error Free	Error Free	Defective	Error Free
298	Error Free	Error Free	Error Free	Error Free
299	Error Free	Defective	Defective	Error Free

300 rows × 4 columns

In [4]:

```
stats.chi2_contingency([df['Phillippines'].value_counts(), df['Indonesia'].value_counts()],
```

executed in 28ms, finished 19:57:03 2021-11-26

Out[4]:

```
(3.8589606858203545,
 0.2771020991233144,
 3,
 array([[271.75, 28.25],
        [271.75, 28.25],
        [271.75, 28.25],
        [271.75, 28.25]]))
```

