* Import pandas as pd
* dataset =pd.read\_csv(“general\_data.csv)
* from scipy.stats import chi2\_contingency
* chitable=pd.crosstab(dataset.Attrition,dataset.Age)
* chitable

**Out[78]:**

**Age 18 19 20 21 22 23 24 25 ... 53 54 55 56 57 58 59 60**

**Attrition ...**

**No 12 9 15 21 33 30 57 60 ... 51 54 57 33 12 27 30 15**

**Yes 12 18 18 18 15 12 21 18 ... 6 0 9 9 0 15 0 0**

[2 rows x 43 columns]

* stats,p,dof,expected=chi2\_contingency(chitable)
* print(stats,p)

**357.52484648609584 1.1886524349105674e-51**

**There is significant difference between age and attrition(probability is less than .05)**

**Correlation between each columns**

**dataset99=dataset.corr()**

