**Finding correlation coefficient**

* **Importing packages and Creating data in a proper way**

import pandas as pd

data1=pd.read\_excel("general\_data.csv")

data1.isnull()

data2=data1.dropna()

* **Replacing “Yes” by value 1 and “No” by value 0**

d={'Yes':1,'No':0}

data3=data2.replace(d)

* **Finding correlation coefficients**

1. **Attrition and monthly income**

attri\_MonthlyIncome=pearsonr(data2.Attrition,data2.MonthlyIncome)

1. **Attrition and YearsWithCurrManager**

attri\_years\_Curr\_manager=pearsonr(data3.Attrition,data3.YearsWithCurrManager)

1. **Attrition and Age**

attri\_age=pearsonr(data2.Attrition,data2.Age)

1. **Attrition and YearsAtCompany**

attri\_years\_at\_company=pearsonr(data3.Attrition,data3.YearsAtCompany)

1. **Attrition and DistanceFromHome**

attri\_DistanceFrmHom=pearsonr(data2.Attrition,data2.DistanceFromHome)

1. **Attrition and WorkingYears**

attri\_Working\_years=pearsonr(data3.Attrition,data3.TotalWorkingYears)

1. **Attrition and YearsLastPromotion**

attri\_years\_last\_promotion=pearsonr(data3.Attrition,data3.YearsSinceLastPromotion)

