**H0 = No significant difference in average TAT among the different laboratories.**

**H1 = There is a significant difference in average TAT**

**import pandas as pd**

**import numpy as np**

**from scipy import stats**

**lab\_df = pd.read\_csv('D:/study docs/Excel R/assignment/Hypothesis assignment/Q2/LabTAT.csv')**

**stats.f\_oneway(lab\_df.iloc[:,0],lab\_df.iloc[:,1],lab\_df.iloc[:,2],lab\_df.iloc[:,3])**

**F\_onewayResult(statistic=118.70421654401437,pvalue=2.115670894999e-57)**

**As p value is large compared to alpha we will null**

**hypothesis(No Significant difference in average TAT among difference**

**laboratories)**