Hypothesis Assignments:

1.cutlet.data

Ans. Assume Null Hypotheses (H0): There is no Significant difference between diametere of Unit A and Unit B P>0.05

Alternative hypothesis : There is a significant difference p<0.05

After solving the abone problem in jupyter i get P-value as 0.38

So since p-value >0.05 the null hypothesis is accepted.

2.LABTAT

ANS: Null Hypothesis : There is no difference in average TAT of Labrotary sample data and p>0.05

Alternate Hypothesis: There is a significant diference p<0.05

By using required algorithm in python and using t-test (stats.ttest\_ind)we get the result as p is approximately =0 so p<0.05.

So we reject null hypothesis and we conclude that there is sgnificant difference.

Not understood 3