Business Objective

Whether there is any significant difference in the diameter of the cutlet between two units.

Ho: No difference in diameters in both units.

Ha: Difference in diameters in both units.

Step 1 Normality Test

Ho: Data are normal.

Ha: Data are not normal.

shapiro.test(Unit.A)##P >0.05 Data normal

shapiro.test(Unit.B)##P >0.05 Data normal.

NOTE: No external conditions

Step 2 Variance test

var.test(Unit.A,Unit.B) ##P>0.05 ,so p high null fly => Equal variances.

Step 3 2 Sample t test

p-value = 0.4723 > 0.05 accept null Hypothesis