Thesis Report -01

Date : 18/12/2020

Progress on Online Food delivery during pandemic:

1. **Analysis google form response**: Total 150 response collected, where almost 70% people from urban, rest are from suburban and rural area. Analyzing the visual representation. People from 19 to 25 and 26 to 35 use online food delivery mostly. Almost half of the participants financial condition got effected by Covid-19 and 45% of all sample people felt safe to use OFD for online food delivery.

We may select our hypothesis based on these factors.

1. **Studied Algorithm:** Different clustering algorithm is suitable for different case based on the dataset characteristics.We had studied two algorithm:  
   1. K-means algorithm  
   2. Gaussian Mixture model.  
   Sir we would like to discuss with you about the advantage and disadvantages, if we could apply those two algorithms to cluster our data set. So that we can apply for example: T-test, ANOVA test to justify our Hypothesis.