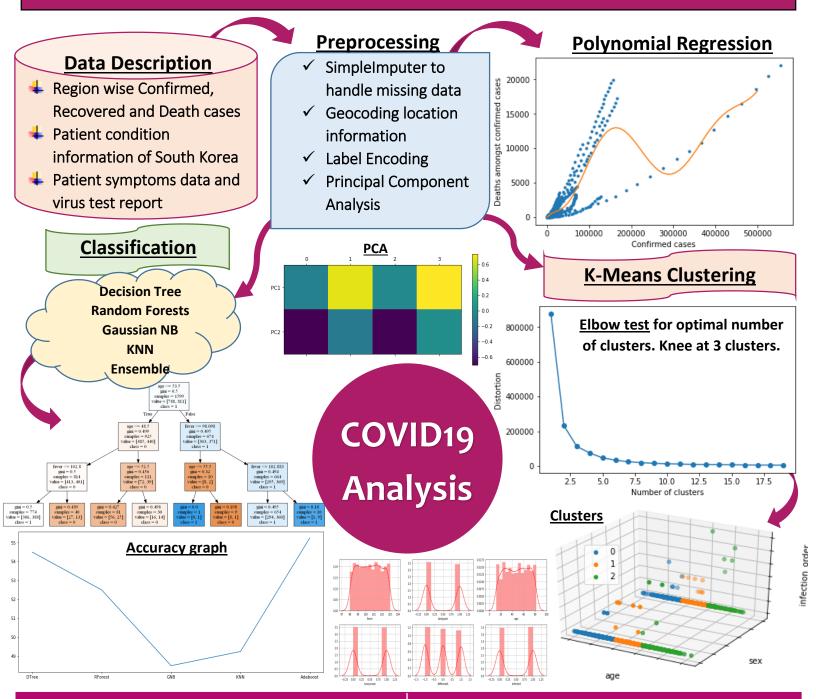
Machine Learning Project Poster | Priya Bannur | PB 23



- 1) Pre-process raw/naïve Coronavirus data.
 - a) Handle missing values using Imputer.
 - b) Label encoding sex column.
 - c) Find most contributing attributes by PCA.
- 2) Regression analysis on death rate.
- 3) Elbow test to determine optimal no. of clusters & perform K-Means clustering.
- 4) Compare different classification algorithms and analyse their accuracies.

- 1) SimpleImputer class can be used to handle missing text data.
- 2) Geopy library can be used to encode textual location data into numerical lat & long.
- 3) Death rate can be predicted using Polynomial regression of degree 8.
- 4) 3D clusters analysed (sex,age,infection_order).
- 5) Decision Tree gave maximum accuracy, hence used in Adaboost to improve further.

OBJECTIVES

CONCLUSIONS