PROJECT OBJECTIVES

Date	08 NOV 2022
Team ID	**PNT2022TMID44240**
Project Name	Exploratory Analysis of Rain Fall Data in India for Agriculture

- Rainfall Prediction Model has a main objective in prediction of the amount of rain in a specific well or division in advance by using various regression technique and find out which one is best for rainfall prediction. This model also helps the farmer for agriculture to decide the crop, helping the watershed department for water storage.

- India is an agricultural country and secondary agro based market will be steady with a good monsoon. The economic growth of each year depends on the amount of duration of monsoon Rain, bad monsoon can lead to destruction of some crops, which may result in scarcity of some agricultural products which in turn can cause food inflation, insecurity and public unrest. In our analysis we are trying to understand the behaviour of rainfall in India over the years, by months and different subdivisions.

- The main aim of objective is to find the:

- Rainfall Prediction is the application of science and technology to predict the amount of rainfall over a region.

- It is important to exactly determine the rainfall for effective use of water resources, crop productivity and pre-planning of water structures.