PROJECT OBJECTIVES

Date	13th NOV 2022
Team ID	PNT2022TMID29302
Project Name	Exploratory Analysis of RainFall Datain India for Agriculture

The main goal of the Rainfall Prediction Model is to determine which regression technique is optimal for predicting the amount of rain that will fall in a particular well or division in advance. This model aids the watershed department in storing water while also assisting the farmer in selecting the crop

India is an agricultural nation, thus a healthy monsoon will keep the secondary agro-based market steady. The length of the monsoon season determines how quickly the economy grows each year. A severe monsoon may destroy some crops, which could lead to a shortage of certain agricultural items, which could then lead to food inflation, insecurity, and discontent among the populace. In our analysis, we aim to comprehend how India's rainfall has changed over time, by month and other subdivisions.

Finding the is objective's primary goal.

• The use of science and technology to forecast the amount of rainfall over an area is known as rainfall prediction.

• For efficient use of water resources, agriculture productivity, and pre-planning of waterstructures, it is crucial to precisely calculate rainfall.