

TEAM ID	PNT2022TMID17010
PROJECT NAME	Exploratory Analysis of Rain Fall Data in India for Agriculture

Problem Statement

Rainfall analyzing is very important because heavy and irregular rainfall can have many impacts like the destruction of crops and farms, damage of property so a better forecasting model is required for an early warning that can reduce the risks to life and property and also helps to manage the agricultural farms in a better way. Heavy rainfall is a cause for natural disasters like floods and drought that square measure encountered by individuals across the world each year. Many models are developed to evaluate the rainfall and for predicting the likeliness of rain. These models are based on both supervised and unsupervised machine learning algorithms. Taking into consideration of overall rainfall will not help us to know if it rains in specific conditions. Accuracy is the major concern in machine learning. We are going to understand the data and then train the model accordingly to predict whether if it rains under given conditions or not.