

Exploratory Analysis Of RainFall Data In India For Agriculture

Problem statement:

Rainfall has been a major concern these days. Weather conditions have been changing for time being. Rainfall forecasting is important otherwise, it may lead to many disasters. Irregular heavy rainfall may lead to the destruction of crops, heavy floods that can cause harm to human life. To prevent this we need a model to analyse and predict the rainfall by using rainfall data that has been accumulated over years with the help of Machine Learning. It is important to exactly determine the rainfall for effective use of water resources, crop productivity, and pre-planning of water structures. With the knowledge provided by this model we secure crops from several disasters that affects the agriculture.