IDEATION PHASE-PROBLEM STATEMENT

Project Name	Exploratory Analysis of Rain Fall Data in India for Agriculture
Team ID	PNT2022TMID40045
Date	16 Oct 2022
Max Marks	2 Marks

PROBLEM STATEMENT:

The key problem in predicting the rainfall is that the time series data keeps changing due to changes in climate, and geography of the country [Hasan et al., 2015]. The focus of this study is to apply the best regression models to predict the rainfall and then compare all of the models under consideration. The models under study are Decision tree regression, KNN regression, Multiple linear regression, RFE(Random forest regression), and Support Vector Machine regression.