

PROPOSED SOLUTION

In this project we are going to estimate the production of crop in various location . Crop yield prediction helps the farmers in various ways by providing the record of previous crop yield. This is helpful to government in framing policies related to crops such as crop insurance policies, supply chain operation policies. Knowing what crops has been grown, and how much area of it had been shown historically, combined with the prices at which it could have been sold at the nearest market-place provides the income-growth profile of the farmer Monsoon rainfall is the main source of water for more than 60 percent of the crops. Smart agriculture driven by Information Technology is the emerging trend in the research in this area in recent days. One of the areas being explored is the problem of yield prediction which is a major concern. Data mining techniques are being widely used as a part of solution for crop yield prediction. Various data mining techniques are under evaluation for estimation of crop production of the future years

For the crop yield prediction we are going to collect the data and by using the help of **IBM Cognos Analytics** we are going to clean the data ,then we are going to explore the data then we will present the data in Dashboard formate.