

ESTIMATE THE CROP YIELD USING DATA ANALYTICS

LITERATURE SURVEY

- Data Analytics has emerged as a potential tool for crop yield prediction, allowing the model to extract features and predict from the datasets. Meanwhile, smart farming technology enables the farmers to achieve maximum crop yield by extracting essential parameters of crop growth.
- The study focuses on the advantages of using data analytics in crop yield prediction. There have been a number of research studies undertaken that focus on the importance of using data analytics as a supplementary tool in transforming large volumes of agricultural data into meaningful information.
- Many researchers have been contributed their previous knowledge towards data analytics in agriculture. There are many simulations models available for crop productivity predictions. As it depends on economical and environmental parameters so we cannot apply these existing models or methods to any other area.

REFERENCE

1. Rice Crop Yield Prediction using Data Mining Techniques: An Overview Dakshayini Patil, Dr. M .S, Shirdhonkar/ 2017
2. A Survey on Crop Yield Prediction based on Agricultural Data Dhivya B H, Manjula R, Siva Bharathi S, Madhumathi R/ 2017
3. Prediction of Crop Yield using Regression Analysis V. Sellamand E. Poovammal/ 2016