

Agricultural Analysis System Using IOT

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Abstract: Agrarian sector in India is facing rigorous problem to maximize the crop productivity. More than 60 percent of the crop still depends on monsoon rainfall. Recent developments in Information Technology for agriculture field has become an interesting research area to predict the crop yield. The problem of yield prediction is a major problem that remains to be solved based on available data. Data Mining techniques are the better choices for this purpose. Different Data Mining techniques are used and evaluated in agriculture for estimating the future year's crop production. This project presents a brief analysis of crop yield prediction using data mining algorithms. Agriculture in today's life is not like as our forefather done. The strong Climatic changes due to many reasons like global warming cause difficulty to understand climatic conditions. So, the farmers unable to understand which crop to select by which the production will improve. By understanding soil and climate conditions by using these data mining system farmers will be able to take right crop at right place which will improve yields. So, it is easy for farmers to decide which crop to take in unpredictable climate conditions. This project will help to solve these agriculture problems using data mining algorithms. Algorithms like SVM, Naive Bayes can be used.

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