**ESTIMATE CROP YIELD USING DATA ANALYTICS**

**LITRATURE SURVEY:**

* 1. **Ramesh, D., and VishnuVardhan, B.,Agrarian et.al [2015]** discussed a several subdivision in India is facing rigorous problem to make the most of the crop productivity. More than 60 out of a hundred the crop still depends on monsoon rainfall. Current growths in Information Technology for agriculture field have developed an interesting research area to forecast the crop yield. The problematic of yield prediction is a major problem that remains to be solved based on accessible data. Data mining methods are the better selections for this purpose. Different Data Mining methods are used and evaluated in agriculture for approximating the upcoming year's crop production. This paper presents a brief analysis of crop yield prediction using Multiple Linear Regression (MLR) method and Density based clustering technique for the particular region i.e. East Godavari district of Andhra Pradesh in India. In this paper an effort is made in command to know the region precise crop yield analysis and it is processed by applying both Multiple Linear Regression method and Density-based clustering method. These models were experimented in respect of all the districts of Andhra Pradesh, then the procedure of evaluation is passed out with only East Godavari district of Andhra Pradesh in India.
  2. **Rajshekhar Borate etc.al [2016]** describes and gave the details us for list of used methods, In India there are dissimilar agriculture crops production and those crops depends on the several kind of factors such as environmental science, economy and also the geographical factors covering such methodologies and methods on historic yield of dissimilar crops, it is possible to get info or data which can be supportive to farmers and government organizations for creation well decisions and for make better rules which help to increased production. In this article, our effort is on application of data mining techniques which is use to extract information from the agricultural records to estimate better crop yield for main crops in main districts of India. In our project we found that the precise prediction of dissimilar specified crop yields across different districts will help to farmers of India. From this Indian farmers will plant different crops in different distr
  3. **Dakshayini Patil etc.al [2017]** describes and discover the list of methods and techniques which are used Rice crop creation assumes an imperative part in sustenance safety of India, contributing over 40% to general yield generation. High harvest generation is reliant on appropriate climatic situations. Inconvenient regular atmosphere conditions, for example, low precipitation or temperature extremes can drastically diminish edit yield. Rising well plans to foresee edit efficiency in several climatic conditions can help rancher and different partners in vital basic leadership as far as agronomy and yield result. This article reports utilization of many information mining approaches will anticipate rice trim yield for Maharashtra state, India. To this review, 27 regions of Maharashtra were picked on the establishment of accessible information from openly available Indian Administration records with different atmosphere and yield limitations. This surveys the technical achievements in the field of Rice crop yield prediction.