

# DATA ANALYTICS ON ESTIMATE THE CROP YIELD

## PROBLEM STATEMENT

Agriculture is the backbone of Indian Economy. In India, majority of the farmers are not getting the expected crop yield due to several reasons. The agricultural yield is primarily depends on weather conditions. Rainfall conditions also influences the rice cultivation. In this context, the farmers necessarily requires a timely advice to predict the future crop productivity and an analysis is to be made in order to help the farmers to maximize the crop production in their crops. People of India are practicing Agriculture for years but the results are never satisfying due to various factors that affect the crop yield. To fulfill the needs of around 1.2 billion people, it is very important to have a good yield of crops. Due to factors like soil type, precipitation, seed quality, lack of technical facilities etc the crop yield is directly influenced. Agricultural researches determine their subject of research without knowing the exact problems of farmers, thus the results of research do not have their clients. On the other hand, extension people do not have a good connection to the results of research that has been conducted.