**Estimate the crop yield using data analytics Proposed Solution**

**Problem Statement:**

Due to variations in climatic conditions, there exist bottlenecks for increasing the crop production in India. It has become challenging task to achieve desired targets in Agriculture based crop yield. Various factors are to be considered which have direct impact on the production, productivity of the crops.

**Idea / Solution Description:**

* Crop production in India is one of the most important sources of income and India is one of the top countries to produce crops.
* In this project we will be analysing important visualization by creating a dashboard and by going through these we will get most of the insights of Crop production in India.
* Providing proper knowledge to farmers about the crops to be sown in its respective season.

**Novelty/Uniqueness:**

* Creating interactive Chatbots.
* Attractive dashboard with aesthetic visualisation.
* Providing expert suggestions to farmers.

**Social Impact/ Customer Satisfaction:**

* This project is helpful in framing government policies related to crop insurance to farmers.
* This helps the farmers to keep track of previous crop yield.

**Business Model:**

* Supply chain operation between farmers and Entrepreneurs.
* Helps the companies in project scheduling.

**Scalability of solution:**

* Available for large scale farmers.
* Dataset can be updated according to future needs.