

Project Design Phase-I

Solution Architecture

Date	15 October 2022
Team ID	PNT2022TMID10801
Project Name	Estimate The Crop yield Using Data Analytics
Maximum Marks	4 Marks

Solution Architecture:

- This system is developed to help the farmers of Gujarat region to improving their farm productivity.
- The agro user can get information which can be location based, check information about crop diseases, information about crop nutrient, information about crop storage, information about crop market price and get recommendations regarding crop production.
- It is used for the compare the models for the same datasets and find the best fitting model. The model with smallest AIC value is preferred.
- The farmers/users will be able to get current weather information of their locations through the system.
- Apart from that get past weather data to figure out patterns and weather conditions.
- Basically, the whole proposed system is divided in four modules. These modules and their functioning along with standards and specifications.

Example - Solution Architecture Diagram:

