KisanConnect

Problem Statement:

This is a Web Application which helps the farmers in deciding which crop to cultivate.

Most of the times due to lack of communication between farmer community, they end up growing a crop which has surplus supply in the market. Hence the demand falls and also farmer won’t get the minimum price. This is because of relation between price and supply.

Objective of our Web Application is to provide the user with the information on various aspects like how the prices of crops last couple of years and predict prices based on previous data and some other factors like climate and demand.

The main user for our Web Application farmers so most of them might be uneducated we will present the data more visually which can be easily understood by anyone. And we insist them to just take this as one of the sources in making decision.

Overall Architecture:

* We are using Django Framework for Front End, Back End.
* We will use Bootstrap to design the front-end templates.
* Postgre Sql for the Database.
* Rest API to get the data in Jason format
* Crop API for the data sets.
* Pandas for data graphical representations.