harvestron

RAMPING CROP YIELD IN DISTRICTS OF INDIA

How can AI technology aid in ramping crop production in different districts of India?

01.

Provides approximate crop yield

Provides the freedom to the farmer to enter his/her State, District, Area, Season, and Crop to be harvested

02.

Up to date weather and climate predictions

For better decision making, notifies the current weather and climate condition easily

03.

ML model trained on 20 years of data

Carefully promotes the release of the model trained on official governmental data for higher performance

Key Features

GDPR Compliant

Transparent Business Model

High-Class Security & Personalization

Vision of Harvestron

Harvestron is a small contribution towards helping and downsizing the suicide and protest rates of the Indian farmers as seen in the past few years. It was successfully able to predict the approximate value of crop yield using the Random Forest Regressor supervised machine learning algorithm with an accuracy of 75%. Additionally, the functionality of forming a notification that carried the up-to-date weather and climatic update was also carried out.

75% accurately predicts Crop Yield

FEATURES

Harvestron aims at predicting Crop Yield for the specific crop harvested in the area of States and it's District

Monthly feedback sessions for the first three months for evaluation

Core Values

Respects ethics of AI and focuses on providing better lifestyle to Indian farmers

Notifies farmer of the up to date weather and climate conditions