Problem Statement For HackHive25

Problem Statement: Farmer-to-Consumer Marketplace with Price Prediction

Description:

Design a software platform that connects farmers directly to consumers, eliminating intermediaries. Include a feature to predict crop prices based on historical data, weather conditions, and market trends to help farmers make informed selling decisions.

Expected Solution:

Develop a web platform that enables farmers to sell directly to consumers. The platform should integrate a machine learning-based price prediction model to help farmers make informed decisions based on historical data, weather conditions, and market trends. Key components should include:

1. E-commerce Interface – Farmers can list produce, and consumers can browse and buy directly.
2. ML-Based Price Prediction – Predict crop prices based on data trends.

Additional Features to Consider

- Multi-language support for farmer accessibility.
- Chatbot for assistance in pricing and best selling times.
- AI-powered crop health analysis for better yield management.

The goal is to increase farmer profits, provide fair pricing, and enhance consumer access to fresh produce.