Project Structure

Topic : Fertilizers Recommendation System For Disease Prediction

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Soil Nutrients → Soil Classification

Machine Learning Algorithms

Third Party API's

Google Weather & Temperature API

Inputs: Soil Nutrients Crop Yield Data Nutrients, Location Data, Fertilizer Data, Crop Data

Crop Yield Data, Nutrients and Location Data → Crop Yield Prediction

Random Forest

Support Vector Machine

Location data, Fertilizer data and Crop data → Fertilizer Recommendation

Output: Accuracy, Crop Yield Prediction, Suitable Fertilizer for crop, graphical representation