Description:

Introducing the Potato Disease Predictor, a project leveraging Convolutional Neural Networks (CNN) to predict diseases in potato crops. This innovative solution aims to provide early detection of diseases, enabling timely interventions and safeguarding crop health.

Why it's useful:

In agriculture, early detection is key to preventing crop losses.

The Potato Disease Predictor employs CNN technology to analyse visual cues and

identify potential diseases in potato plants at an early stage. This proactive

approach allows farmers to take prompt actions, such as targeted treatments,

reducing the impact of diseases and ensuring a healthier potato yield.

This is implementation of CNN to potato leaves photos to predict the diseases of plant

Neural Networks (Convolutional) are used, and model is deployed on fastapi.

In order to run this

1. Go to api directory.
2. Run the following command uvicorn main:app --reload
3. Now use the link obtained in (I have used postman) let’s say …
4. Now under post option using …/predict and use the model by uploading image by following steps:

Body

Form data.

Key as file and select file->Select photo.

Send