**Potato Disease Classification Project**

The Potato Disease Classification project is designed to identify and classify potato diseases using **machine learning** techniques. It leverages **Python** and key libraries such as **TensorFlow/Keras**, **Pandas**, and **OpenCV** for image data processing and model development. The workflow includes **data preprocessing**, training a classification model, and evaluating its performance.

The trained model is deployed through a **FastAPI** endpoint for real-time predictions, providing an accessible interface for end users. This project aims to assist farmers and agricultural professionals by enabling early and accurate detection of potato diseases, leading to timely interventions and improved crop management.