Weekly Progress Report

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Domain: Data Science

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Week Ending: 5

I. Overview:

This week, the primary focus will be on testing for my project .

II. Achievements:

1. Plant Disease Prediction:

   - Model train properly.

   - Model detect image properly.

2. Python Project Contributions:

Plant Disease Prediction:-

   - There is no contributions till.

III. Challenges:

1.Data set Download and extraction

  - Obtaining a large, diverse, and high-quality dataset for training and testing the   model.

  - Ensuring consistent preprocessing steps such as resizing, normalization, and augmentation.

  - Achieving high accuracy and robust performance across different plant species and disease types

2. Python Project Complexity:

 - Machine Learning Models: Implementing advanced machine learning or deep learning models for image recognition requires expertise in selecting appropriate architectures (e.g., convolutional neural networks) and fine-tuning hyperparameters.

-Training and Optimization: Training models on large datasets to achieve high accuracy involves complex optimization techniques and computational resources.

IV. Learning Resources:

1. Python Learning Resources:
  - Youtube,Kaggle,Google,Chatgpt

VI. Additional Comments:

PROJECT COMPLETED.