DISEASE DETECTION MODEL

➢ Overview

It is an image classification model that takes plant leaf image as input and predicts if the crop is healthy or suffering from some disease.

➢ Experimental Setup

Framework : TensorFlow ,Keras
Processor : GPU
Notebook : Jupyter
No of Epochs : 50

➢ Datasets

PlantVillage Dataset

Training dataset: 80%
Test dataset :10%
Validation dataset :10%

➢ Results

Training_loss: 0.8224
Training_accuracy: 0.5986
Val_loss: 0.9086
Val_accuracy: 0.6047