Review of: "Enhancing Cocoa Crop Resilience in Ghana: The Application of Convolutional Neural Networks for Early Detection of Disease and Pest Infestations"

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Potential competing interests: No potential competing interests to declare.

In training Convolutional Neural Networks (CNNs) using large data to increase accuracy in detecting disease and pest attacks on cocoa plants in Ghana, several challenges that may be faced need to be reviewed in the paper, namely:

Data Preprocessing: Cocoa plant image data may need to be extensively processed before being used in CNN training. This may involve steps such as normalization and data augmentation to overcome dataset limitations.

Training CNNs on large data sets requires significant computing resources. This includes a powerful GPU (Graphics Processing Unit) and sufficient storage capacity to store and manage models and data.