Fertilizer Recommendation System For Disease Prediction

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Objective :

Agriculture is vital to existence in the modern world and contributes to the preservation of the environment. Due to the frequent natural disasters that occur today, agriculture is becoming exceedingly difficult. The majority of plants suffer from numerous diseases as a result of soil, water, and air pollution. One of the biggest obstacles in agriculture is identifying the disease.

The majority of plants suffer from leaf disease, and finding the right fertiliser to treat it is difficult. The major goal of this study is to locate the plant illness and treat it while it is still in the early stages of infection. The variety of pathogen strains, adjustments to cultivation practices, and insufficient plant protection techniques have all contributed to an increase in the number of plant diseases in recent years, as well as the severity of the damage they cause.

An automated technique is now available to recognise many plant diseases by examining the symptoms seen on the plant's leaves. In order to identify diseases and provide preventative measures, deep learning algorithms are applied.