

## Ideation

Artificial Intelligence

## Fertilizers Recommendation System For Disease Prediction

## ldea bank High Plant pathology In recent times, Due to the large The proposed more and more increasingly physical size of solution requires farms are being important topic automated farms the use of three automated and a large amount primary research of data that will be technologies generated An image classifier Agriculture is one Tensorflow, Keras The classifier is and OpenCV that uses a neural sector which has capable of detecting network a high effect on network was any of the to detect the used instead of human beings' diseases of the following diseases: other forms of lives and plants is developed bacterial spot, early artificial economic status blight, late blight. We can intelligence take huge number of images in a Improper administration dataset and try for should be noted that results in the if the crop's productivity is not **Importance** loss of better results healthy, If the plant leaf is agricultural Tensor flow is an it has a high chance If each of these goods of providing good and found to be tasks could get open-source library healthy nutrition done without any healthy, its image for differential Plant pathology difficulty or cost, Because of programming. It is which would have is an technology the most positive an evolved form of increasingly enhancement and not processed impact? Google brain growth, sensors are important topic further smart enough to identify and detect In this work, we research have concentrated on finding the While crop photos If a plant leaf is and videos leaf diseases of found to be provide a better tomato plant using view, agroaffected, the deep learning scientists can plant is provide a better approach unhealthy. The network can . OpenCV predict the allows our system category of each to detect patters in images and disease picture, translate after continuous those patterns iterative learning Low into data Low

Feasability

Regardless of their importance, which tasks are more

feasible than others? (Cost, time, effort, complexity, etc.)