

## **Problem Statement id:AVS302**

**THEME:** AGRICULTURE AND FOOD TECHNOLOGY.

**PROBLEM STATEMENT:** Farmers often struggle to identify crop diseases early, leading to major yield losses and unexpected financial setbacks. They lack quick, reliable tools that can warn them about emerging diseases before the damage becomes severe.

**DESCRIPTION:** Crop diseases can devastate yields, leading to significant financial losses for farmers. Early detection and timely intervention are crucial for effective management. Develop an AI-driven system that analyzes crop images and environmental data to predict potential disease outbreaks. This system will provide farmers with actionable insights and treatment recommendations to mitigate risks.