

AgriCareAI: Analyzing Plants Growth and Health

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Abstract: *The agricultural sector faces numerous challenges, including inefficient plant growth monitoring, lack of real-time data, and difficulty in detecting diseases at an early stage. Traditionally, AI-driven models have been used for plant analysis, but they require large datasets, extensive training, and high computational power. This paper introduces Agricare, an API-based solution for analyzing plant growth and health. The system integrates APIs to retrieve, process, and visualize plant-related data, enabling farmers to make informed decisions without the complexities of AI. We discuss the architecture, implementation, advantages, and future potential of API-driven agricultural monitoring systems.*

Keywords: Agriculture, API, Plant Growth Monitoring, Precision Farming, Smart Agriculture

