Smart Farming - IoT Enabled Smart Farming Application

Problem Statement

To facilitate the ability for the farmer to increase productivity by effectively managing the resources and obtaining a greater harvest with the aid of Internet of Things and AI/ML. By incorporating IoT sensors, including those needed for the automation process, such as moisture, temperature, light dependent resistor, humidity, and air quality. The system has a special algorithm that compares sensor data in addition and adjusts the watering, usage of fertilizers and ventilation system as necessary. Real-time data are statistical measures that can be displayed graphically and provide a clear report on the cultivation.