



AgroAi

Intelligent Insights for Smarter Agriculture

Prototype research independently developed by Keshari Nandan

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Overview

AgroAi is an intelligent multi-agent system designed to empower modern agriculture using real-time and inferred data across diverse domains:

- **Geolocation & Weather Integration**
- **Temperature & Climate Impact Modeling**
- **Chemical Usage Tracking** with Human Health Impact Analysis
- **Crop Suitability & Productivity Forecasting**
- **Terminal / CLI-based AI Query System**

Powered by AI agents (e.g., Gemini, Google Earth API integration), AgroAI doesn't just answer — it **predicts, explains, and advises**.

Use Case

"What crop is best for this district this month, considering current weather, past yield, and fertilizer usage?"

AgroAi will:

- Analyze location & climate
 - Infer soil condition based on geography
 - Track past chemical inputs (manual or database-fed)
 - Evaluate crop impact on **human health** due to residuals
 - Suggest ideal crops with **reasoning**
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Status

- Core agent planning:
 - Data integration module:
 - CLI interface:
 - Deployment-ready MVP:
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For contributions, collaborations, or usage requests, contact us at devsorg@hotmail.com..

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