Forward Deployed Engineer

Overview

Farmers often need quick, reliable answers to practical questions such as:

- "When is my crop ready to harvest?"

- "What moisture level should wheat have before harvest?"

- "How do I check maturity in tomatoes or peppers?"

- "What are the recommended indicators for determining sugarcane readiness?"

Build a **web-search agent**, that answers natural-language agritech questions by:

1. Searching the web for authoritative sources.

2. Extracting relevant harvest-readiness indicators.

3. Synthesizing a concise, actionable answer.

Requirements

- Natural-language query interface.

- Web search backend capable of retrieving:

    o Harvest readiness indicators

    o Crop maturity tests

    o Moisture thresholds

    o Visual signs (color, firmness, grain hardness, etc.)

Deliverables

- Demo of the system and executable codebase

- High level overview of the solution