INTRODUCTION

- Indiana Soybean Alliance (ISA) works to connect programs to sustainability initiatives of all forms
- Challenges faced by farmers
  - Lack of new arable land
  - Decreasing quality of topsoil
  - Conservation of existing land is paramount
- Our website helps locate sustainability programs using mapping features and a questionnaire to refine search
- Livestock programs focus on dairy and pasture management
- Row crop programs focus on cover crops and reduced/no till programs

IMPACT

- Growth of program usage in Indiana:
  - Providing programs to help farmers grow
  - Growth of enrollment programs themselves
  - Ease of access to information:
    - Standardized database
    - One-stop shop for Farmers
    - Proof of concept to the industry

Goal: Streamline farmer program research
Tools: HTML, Javascript, LangChain, Open AI API
Intelligent data scraping: Employs LangChain agent combined with Open AI to scrape new program information.

TWO APPROACHES

- Form filled out by farmer to give more specialized suggestions
- Interactive map to quickly click and find suggested programs by county.

FUTURE GOALS

- Including County Specific Contacts
- Increasing Availability
- Expanding On Provided Information

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