Crop Recommendation

Welcome to Crop Recommendation, a Streamlit application that recommends crops based on input parameters. This project leverages a trained machine learning model to provide crop recommendations. Here's a quick overview of the key files:

Files

- `app.py`: The main Python file to start the Streamlit application.
- `content.py`: Contains a dictionary mapping numerical labels to crop names.
- `crop_recommendation`: A trained machine learning model for crop recommendation.
- `requirements.txt`: List of project dependencies.

Getting Started

1. Clone the repository:

bash git clone https://github.com/vijaytakbhate2002/crop-recommendation.git

1. Install dependencies:

bash pip install -r requirements.txt

1. Run the application:

bash streamlit run app.py

1. Access the application in your browser at http://localhost:8501.

Usage

Input parameters such as temperature, humidity, rainfall, and pH.

Click on the "Recommend Crop" button.

The application will provide a recommendation based on the trained model.

Contributing

We welcome contributions! Please read our Contributing Guidelines to get started.

License

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