

# Iris Streamlit App

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A simple Streamlit web app for predicting Iris species using a trained machine learning model.

## Project Structure

```
iris-streamlit-app/  
├── app.py  
├── requirements.txt  
├── README.md  
├── README.pdf  
├── data/  
│   └── iris.csv  
├── notebooks/  
│   └── iris_model_training.ipynb  
└── best_model.pkl
```

## How to Run Locally

### 1. Clone the repository:

```
git clone https://github.com/Chamu-Good-Girl/iris_streamlit.git
```

### 2. Navigate to the project folder:

```
cd iris-streamlit-app
```

### 3. Install dependencies:

```
pip install -r requirements.txt
```

### 4. Run the app:

```
streamlit run app.py
```

## Model Info

- Trained using **Logistic Regression**
  - Dataset: `iris.csv`
  - Output: `best_model.pkl`
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## Deployment

This app is deployed on **Streamlit Cloud**.

To deploy your own version:

1. Go to [Streamlit Cloud](#)
2. Sign in with GitHub
3. Click **New app**
4. Fill in:
  - Repository: `https://github.com/Chamu-Good-Girl/iris_streamlit.git`
  - Branch: `main`
  - Main file: `app.py`
5. Click **Deploy**

## Author

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