🌸 Iris Streamlit App

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:

Thanks for sharing that, Lakma! Your README.md is a good start — it has the project name and a short description. Let's expand it into a clean, professional version that your lecturer will appreciate and that's ready to convert to PDF. 📄✨

📝 Updated README.md Content You can copy and paste this into your file:

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🚀 How to Run Locally

1. Clone the repository:

```
git clone https://github.com/LakmaGunathilake/iris-streamlit-app.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`

🌐 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: `LakmaGunathilake/iris-streamlit-app`
- Branch: `main`
- Main file: `app.py`

5. Click **Deploy**

📸 Screenshots

Include:

- Deployment form before clicking “Deploy”
- Live app running in browser

👩‍🎓 Author

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