Model Deployment Report - Iris Classifier

Name: Pratap Reddy

Batch Code: XYZ123

Submission Date: 30-Jun-2025

Submitted to: [Instructor's Name]

Step 1: Train and Save the Model

We started by training a simple machine learning model using the Iris dataset. A Decision Tree Classifier was used.

After training, the model was saved using Python's `joblib` library so it could be reused during deployment.

Step 2: Build Flask Web App

Next, we created a Flask web application to serve the model. The app loads the saved model, provides a form for user input, and predicts the Iris species based on the input.

Step 3: Run the Flask App

Using the terminal, we navigated to the project folder and started the Flask server using the command `python app.py`.

The app was successfully hosted at `http://127.0.0.1:5000`, where users could input flower dimensions and get predictions.

Step 4: Output and Results

Below are screenshots showing the Flask app running and the interface displayed in the browser.

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