

# Model Deployment Documentation

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**Batch Code:** LISUM33

**Submitted to:** Data Glacier

## Create the machine learning model

The toy dataset chosen for the project is the Iris dataset. The dataset was loaded and split into training and testing sets. Random forest classifier is used to train on the training set, and the model was saved to use in web. The model accuracy on test data is 1.0.

## Create Flask Web App

A Flask web application was created to serve the model.

## Create UI for Prediction

An HTML template with JavaScript was created to get input data from the user and display the prediction result.

## Iris Model Prediction

Sepal Length:

Sepal Width:

Petal Length:

Petal Width:

### Prediction:

Figure 1: Web Snapshot

## Iris Model Prediction

Sepal Length:

Sepal Width:

Petal Length:

Petal Width:

### Prediction:

Iris-setosa

Figure 2: Web Prediction Snapshot