Welcome to

Python Flask: Web Development Basics to Machine Learning Deployment

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Integrate ML Models into Flask

Flask is a lightweight web framework that makes it easy to deploy machine learning models. Here's the process:

1. **Train and Save the Model**: Use a machine learning library like `scikit-learn` or `TensorFlow` to train a model and save it as a serialized file (`.pkl`, `.joblib`, or `.h5`).
2. **Load the Model in Flask**: Use the saved model to make predictions based on user input.
3. **Build the API**: Create endpoints in Flask that accept user input, process it, and return predictions.

Integrate ML Models into Flask

To create a Flask app that loads a pre-trained machine learning model and allows users to input features via a web form.

Approach:

- Use Flask to serve an HTML form.
- Accept user inputs, process them, and make predictions with the model.
- Display the prediction back to the user.

Thank You