

# Model Deployment using Flask :

The code uses Flask to deploy a machine learning model for laptop price prediction. Flask is a web framework that allows us to create web applications easily. In this case, Flask is used to provide an interface where users can input laptop specifications and get price predictions.

The Flask application is set up by defining routes for different pages. The main route ("/") handles the home page where users can input their laptop specifications. When the user submits the form, the inputs are processed and passed to the pre-trained machine learning model for prediction.

The model is loaded from a pickle file using the **pickle** library. Once the model makes a prediction, the result is displayed to the user on a separate page ("/result"). The result page uses a template ("result.html") to show the predicted price.

Overall, Flask simplifies the deployment process by providing a framework for creating web applications, allowing us to serve the machine learning model predictions through a user-friendly interface.