

Deployment Steps

Deployment Steps

Name: Krishna Pratheek Seshabhatar

Batch code: LISUM22

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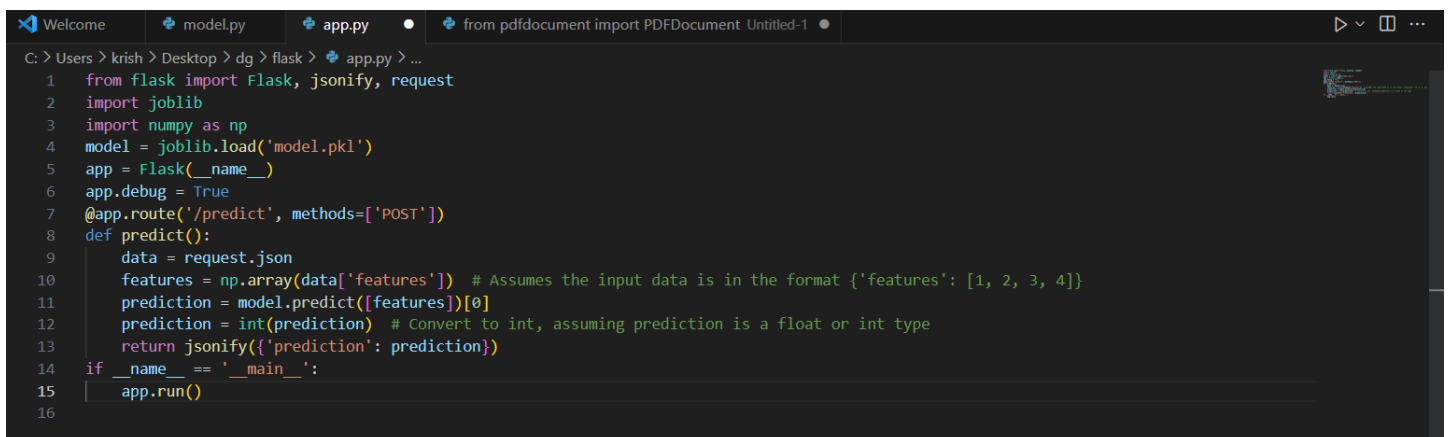
Step 1 Screenshot



```

Welcome  model.py x  app.py  from pdfdocument import PDFDocument Untitled-1
C: > Users > krish > Desktop > dg > flask > model.py > ...
1  from sklearn.datasets import load_iris
2  from sklearn.linear_model import LogisticRegression
3  import joblib
4
5  # Load the Iris dataset
6  iris = load_iris()
7
8  # Extract the features (X) and target variable (y)
9  X = iris.data
10 y = iris.target
11
12 # Train a logistic regression model
13 model = LogisticRegression(max_iter=1000)
14 model.fit(X, y)
15
16 # Save the model to a file
17 joblib.dump(model, 'model.pkl')
18
```

Step 2 Screenshot



```

Welcome  model.py  app.py  from pdfdocument import PDFDocument Untitled-1
C: > Users > krish > Desktop > dg > flask > app.py > ...
1  from flask import Flask, jsonify, request
2  import joblib
3  import numpy as np
4  model = joblib.load('model.pkl')
5  app = Flask(__name__)
6  app.debug = True
7  @app.route('/predict', methods=['POST'])
8  def predict():
9      data = request.json
10     features = np.array(data['features']) # Assumes the input data is in the format {'features': [1, 2, 3, 4]}
11     prediction = model.predict([features])[0]
12     prediction = int(prediction) # Convert to int, assuming prediction is a float or int type
13     return jsonify({'prediction': prediction})
14 if __name__ == '__main__':
15     app.run()
16
```

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Step 3 Screenshot

