**Lab Activity 04: Heroku**

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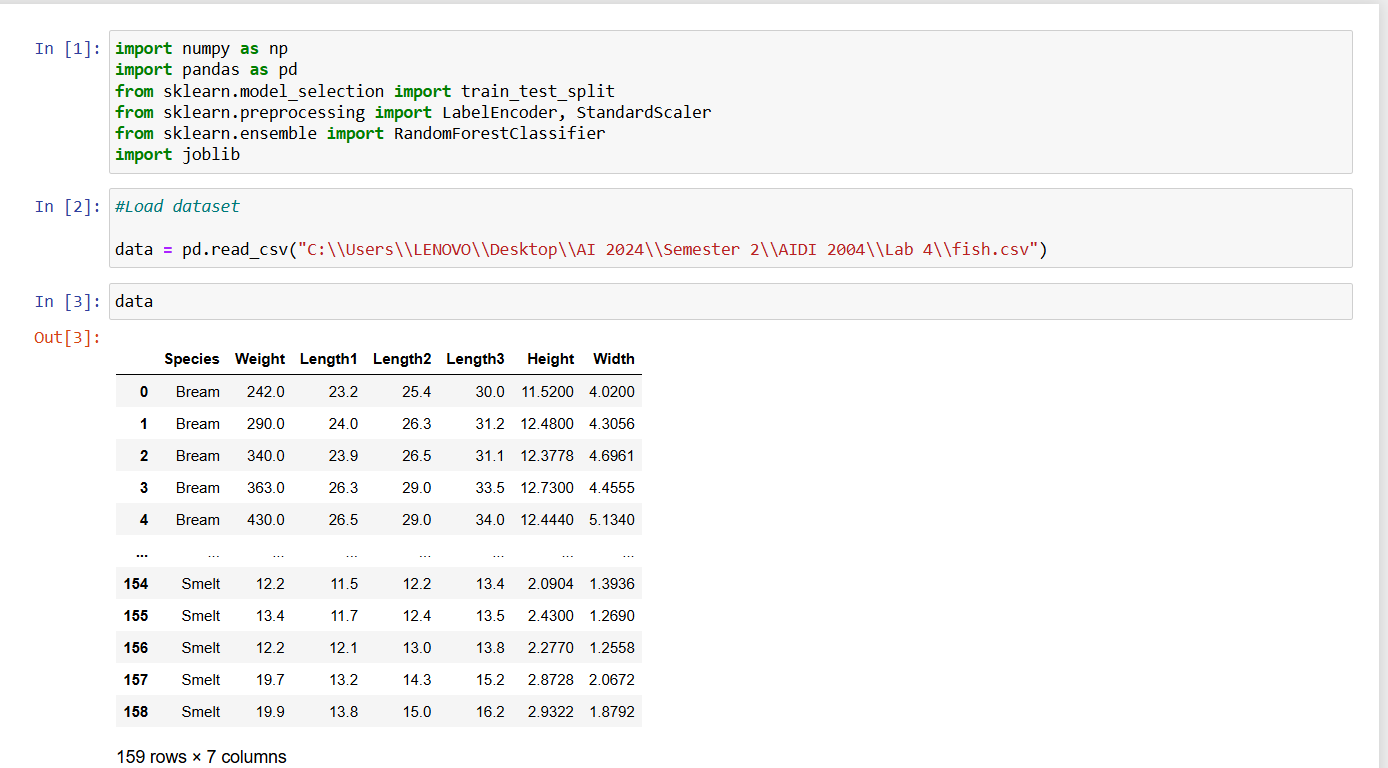
**Subject:** AI in Enterprise Systems

**Date:** 12th March 2025

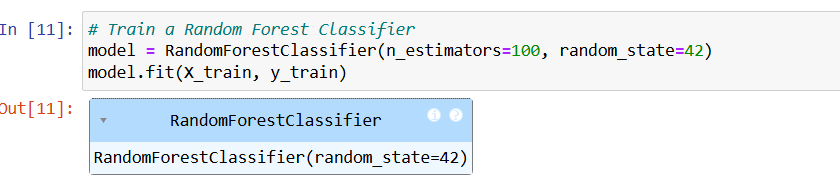
**Here, I am predicting the “Species” of the fish using a Random Forest Classifier**

**Step1: Create a Machine Learning model and save it with the extension “.pkl”**

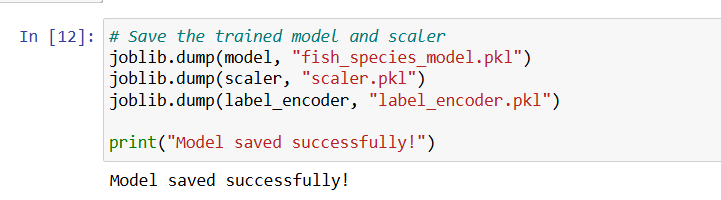
**Load dataset:**

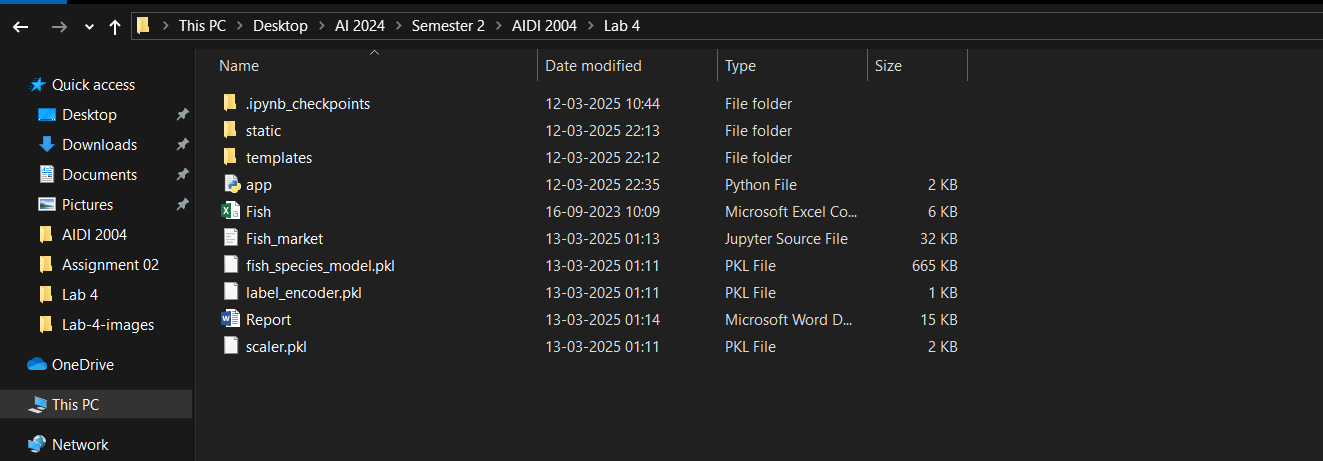
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**Model training:**

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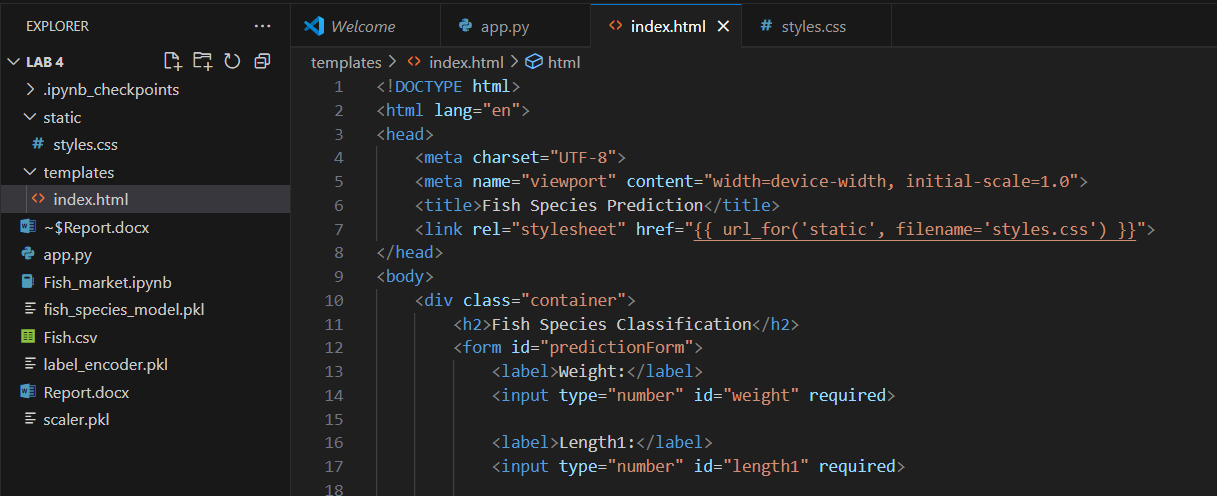
**Save .pkl file:**

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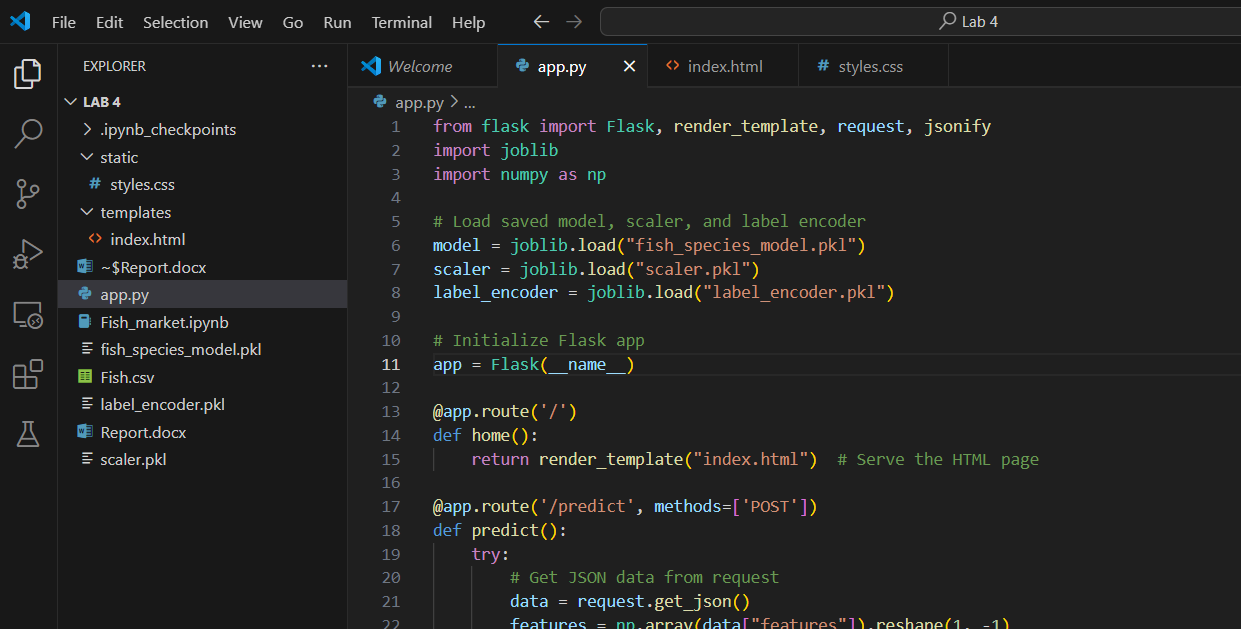
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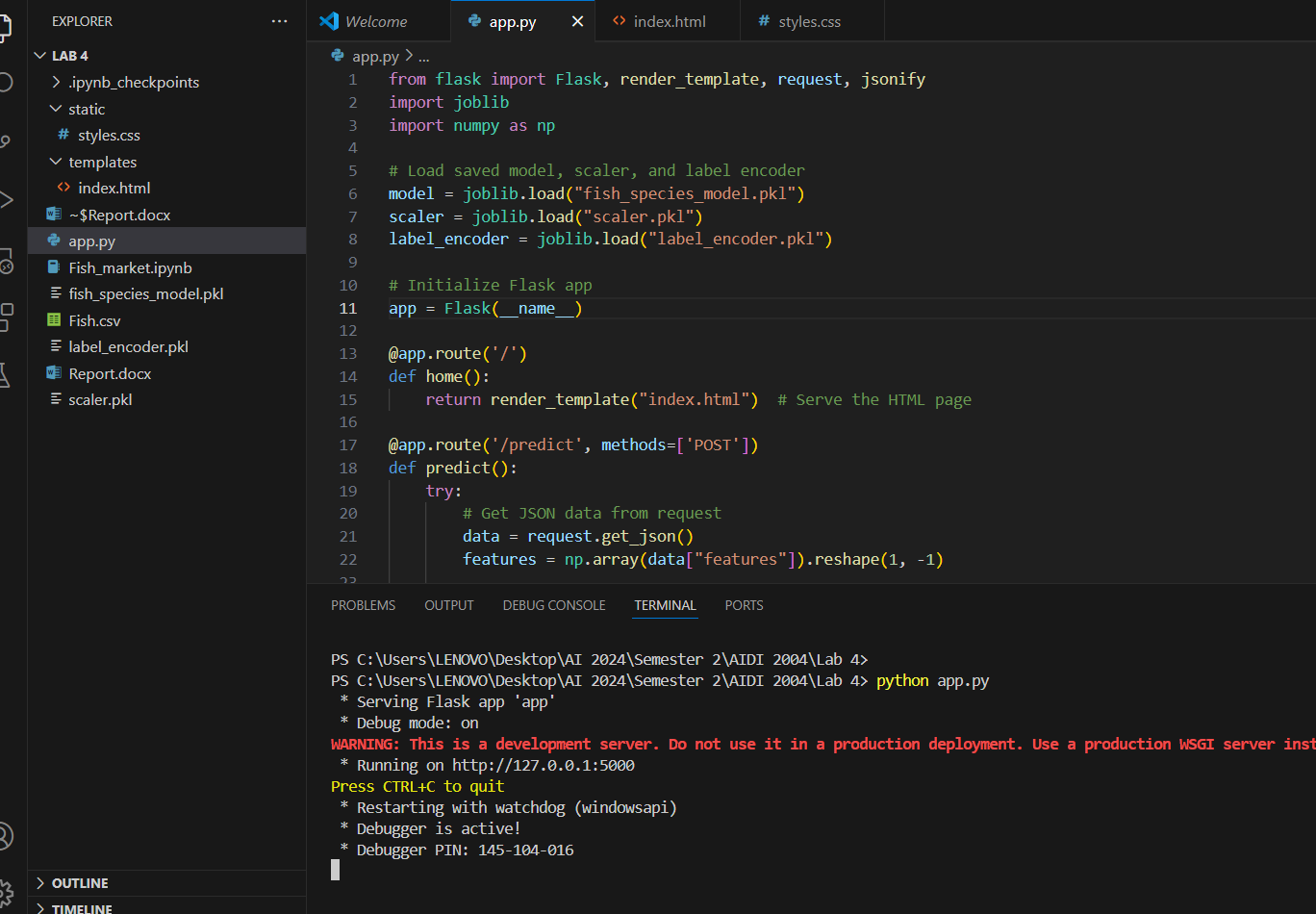
**Step2: Create HTML and CSS files for User Interface**

**Save HTML and CSS files in templates and Static folders respectively**

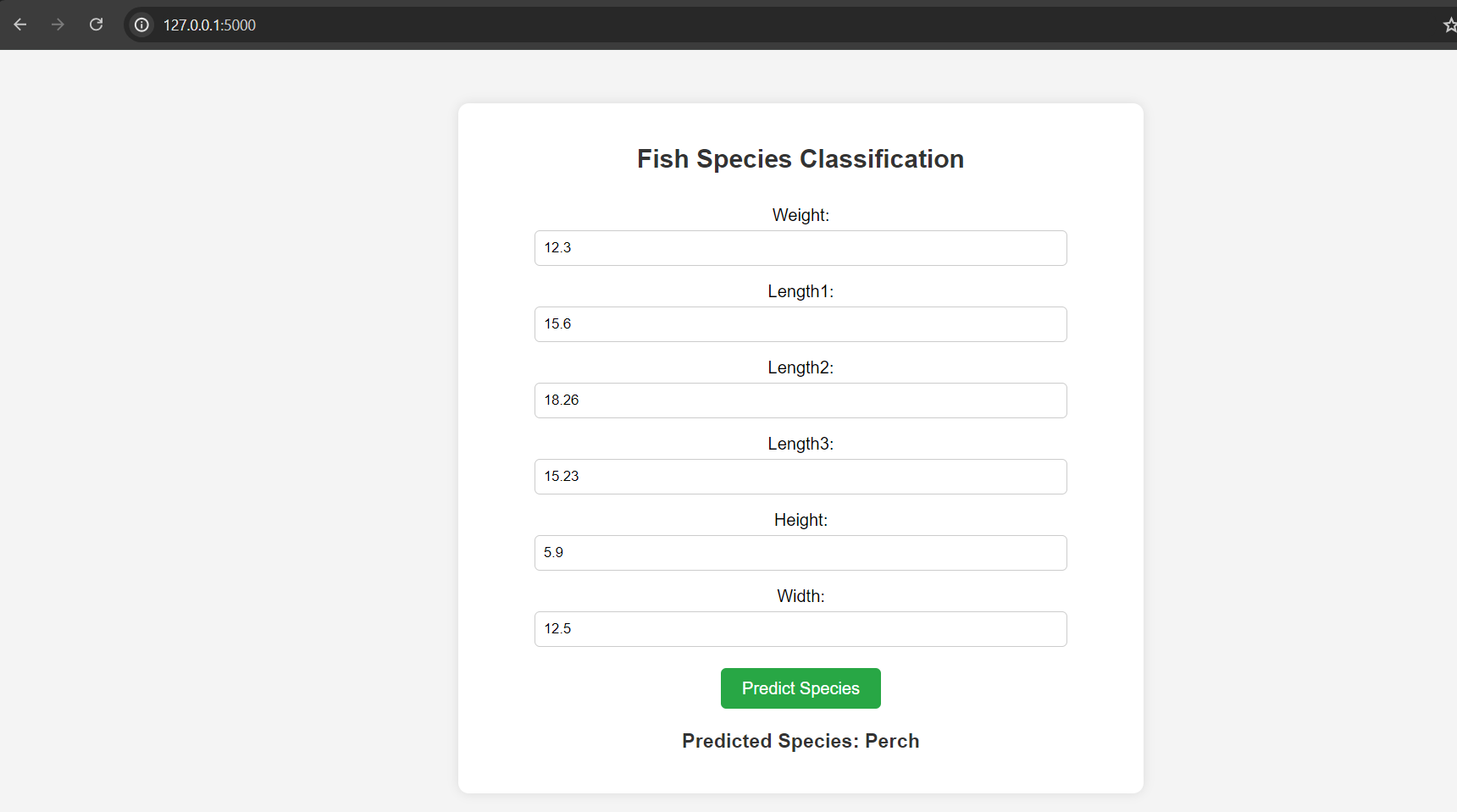
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**Create app.py and run**

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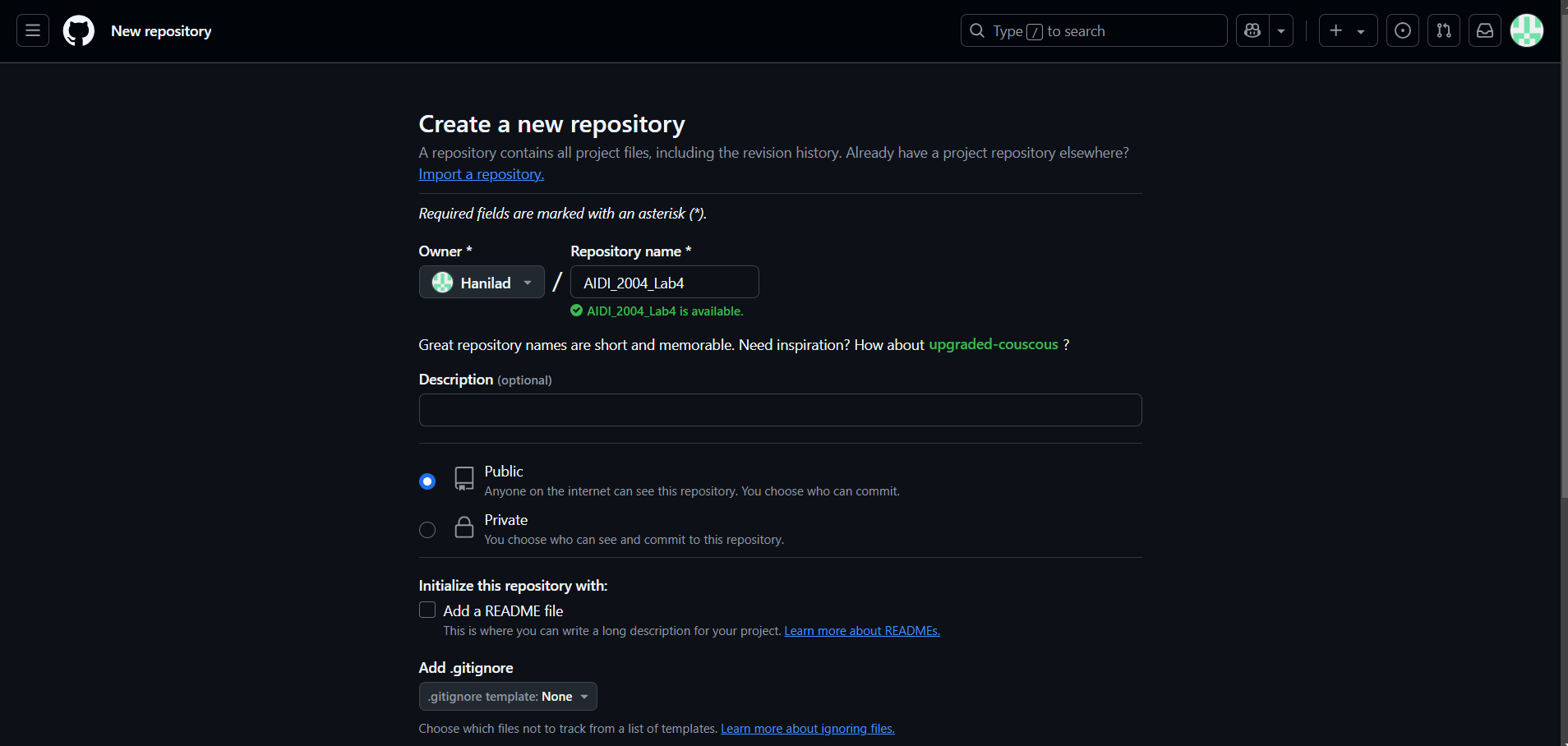
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**Final output on the local machine and get a prediction**

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**Step3: Push all the files on GitHub**

**Create a New repository on GitHub:**

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**Run the bash command to push the files on GitHub:**

**File uploaded successfully:**