WEEK 5 API CLOUD DEPLOYMENT

Name : Sanjana Naidu Gedela

Batch Code:LISUM30

Submission Date : 03/01/2024

Submitted to:Data Glacier

Data Set : Iris.csv

Code: https://github.com/SanjanaNaidu/DataGlacier

Deployed in AWS EC2:

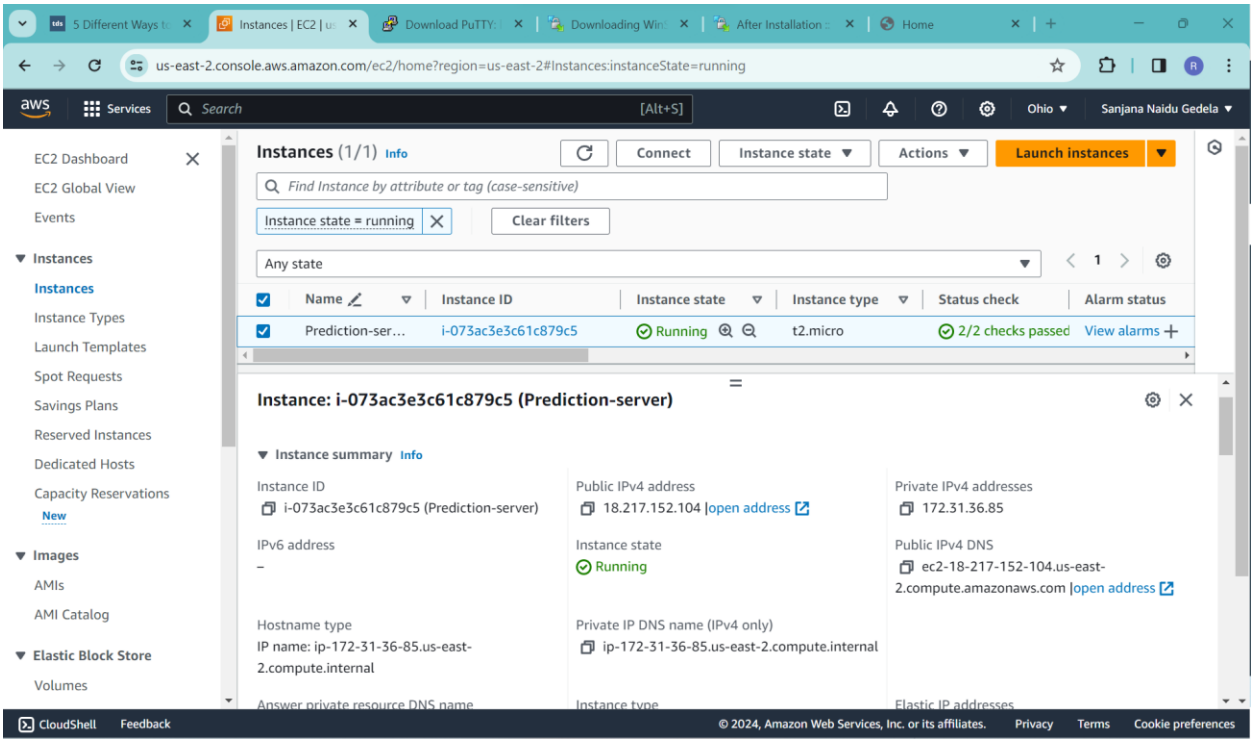
Steps Involved:

1.Creating an Ec2 Instance:

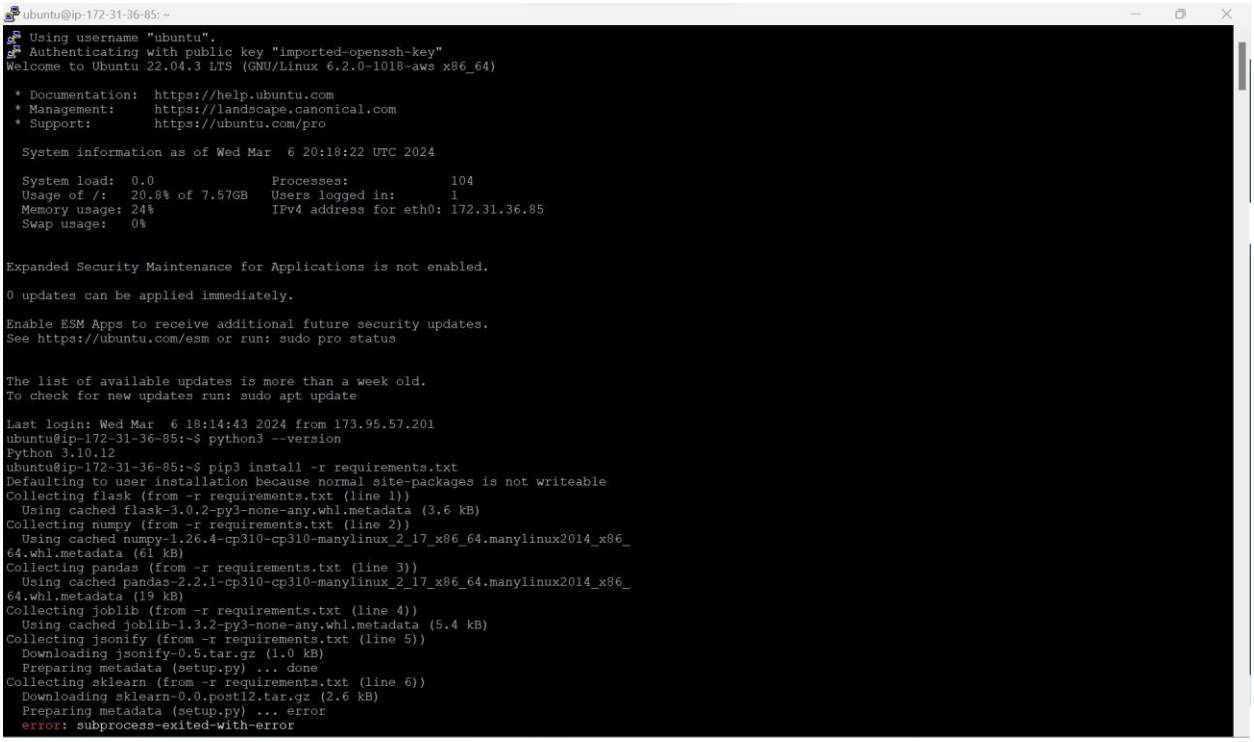
AMI-Ubuntu

Storage-t2 micro

Setup: connected using putty and winscp

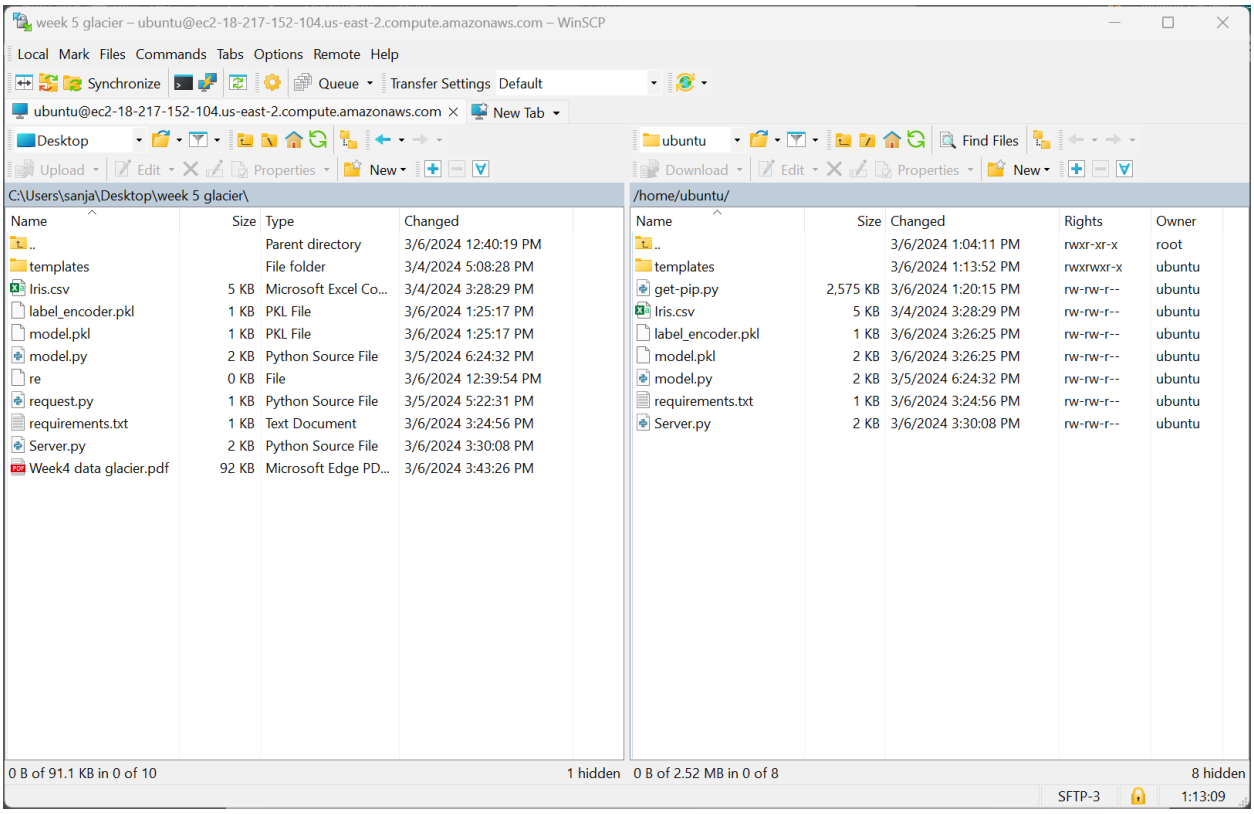


2.Installation of all the required packages via putty

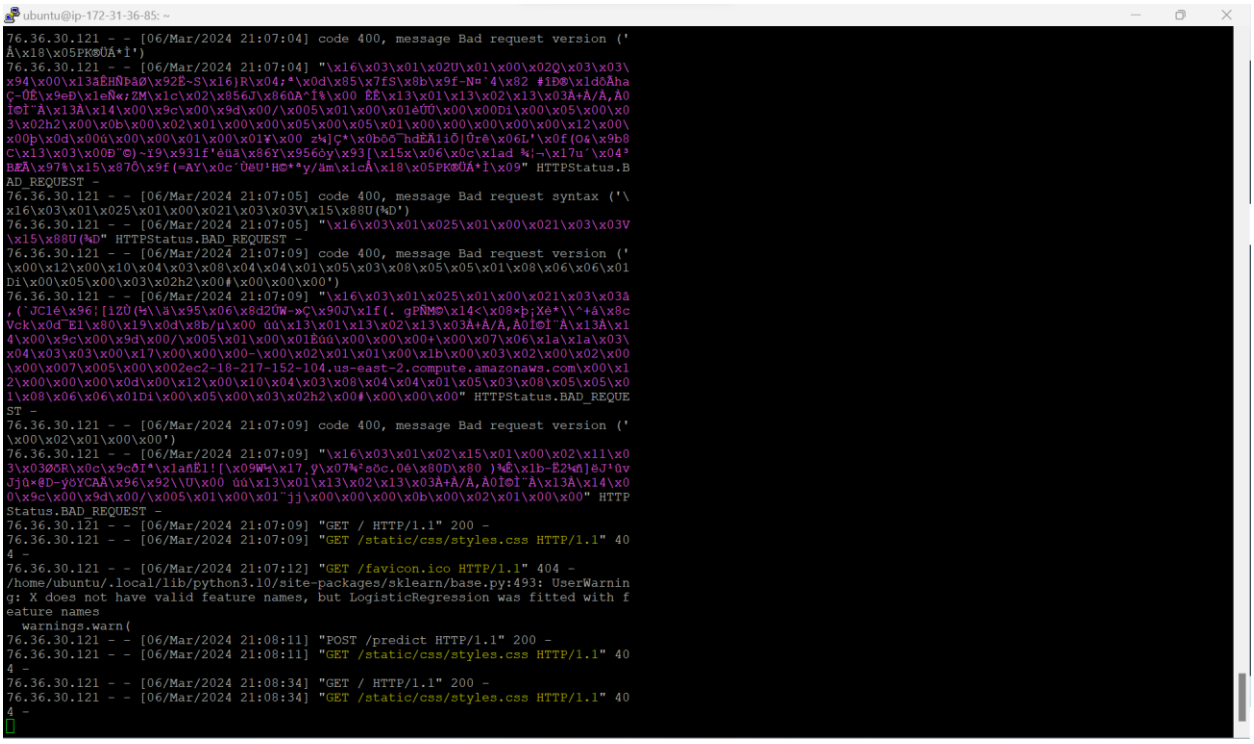


Command:pip3 install -r requirements.txt

Uploaded the files via winscp to ubuntu home.



3. Running the flask file in the putty prompt

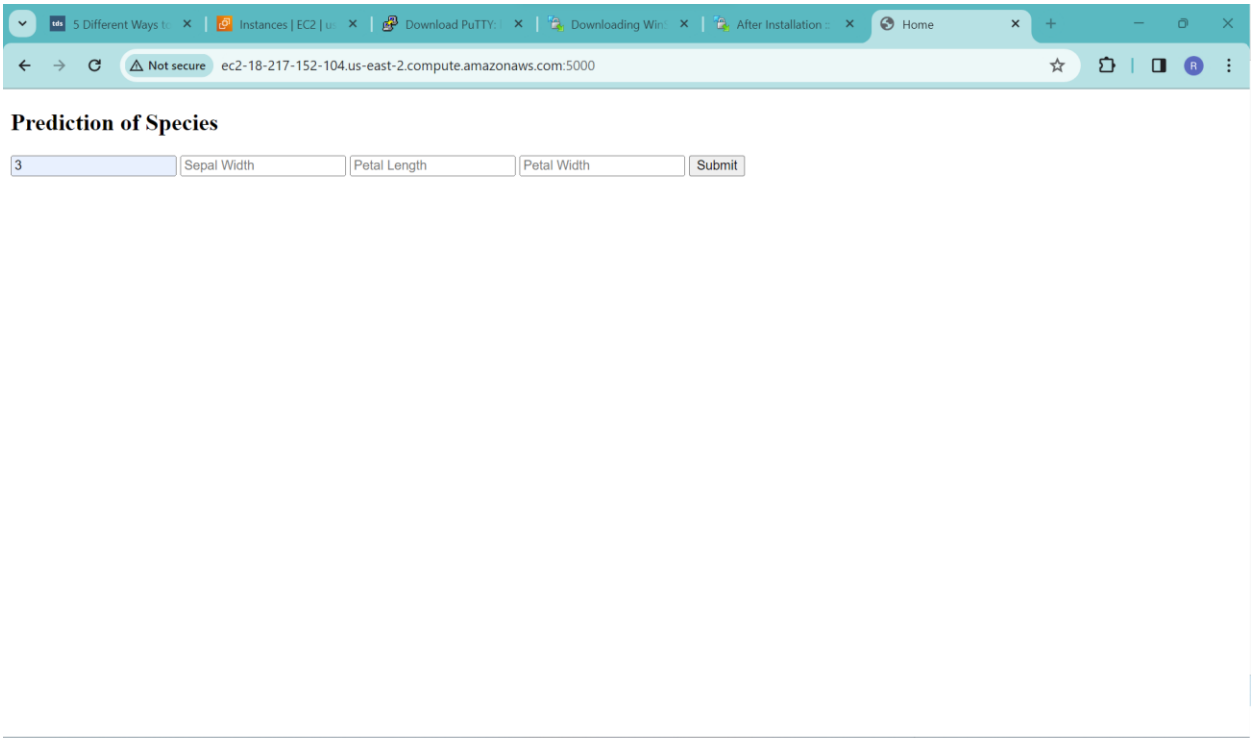


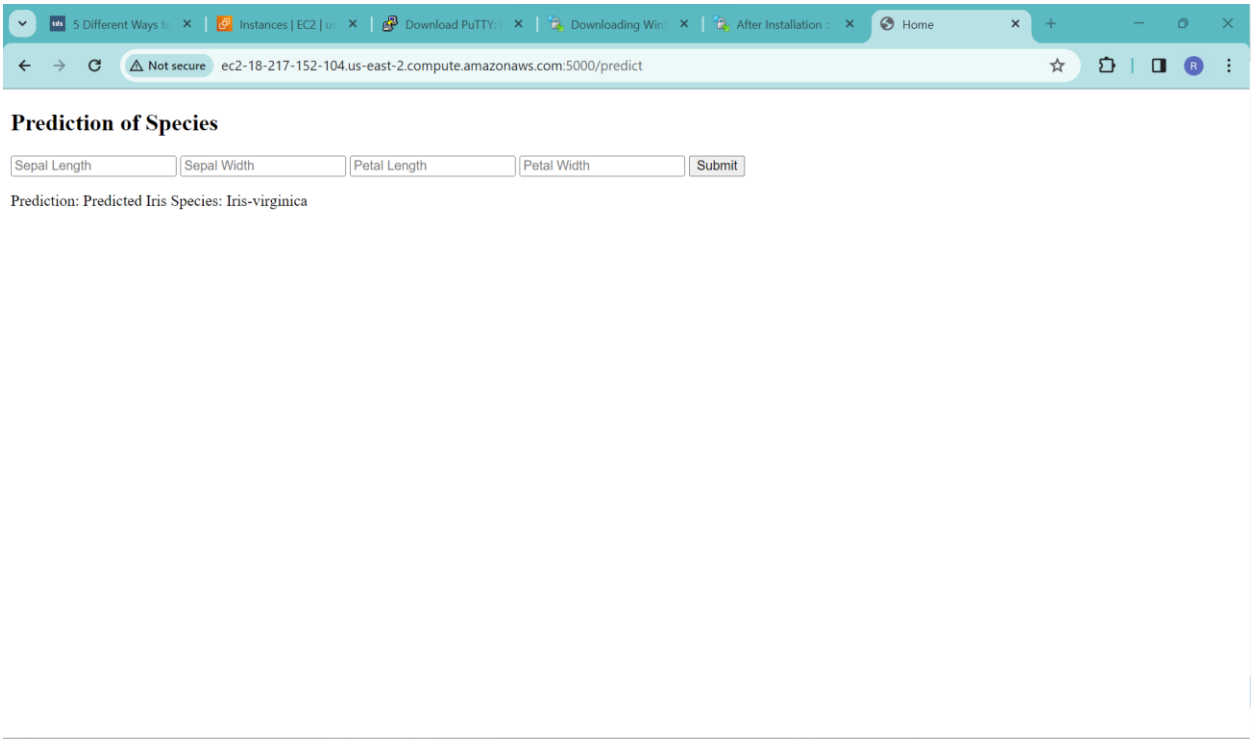
4.Checking the public DNS in the browser

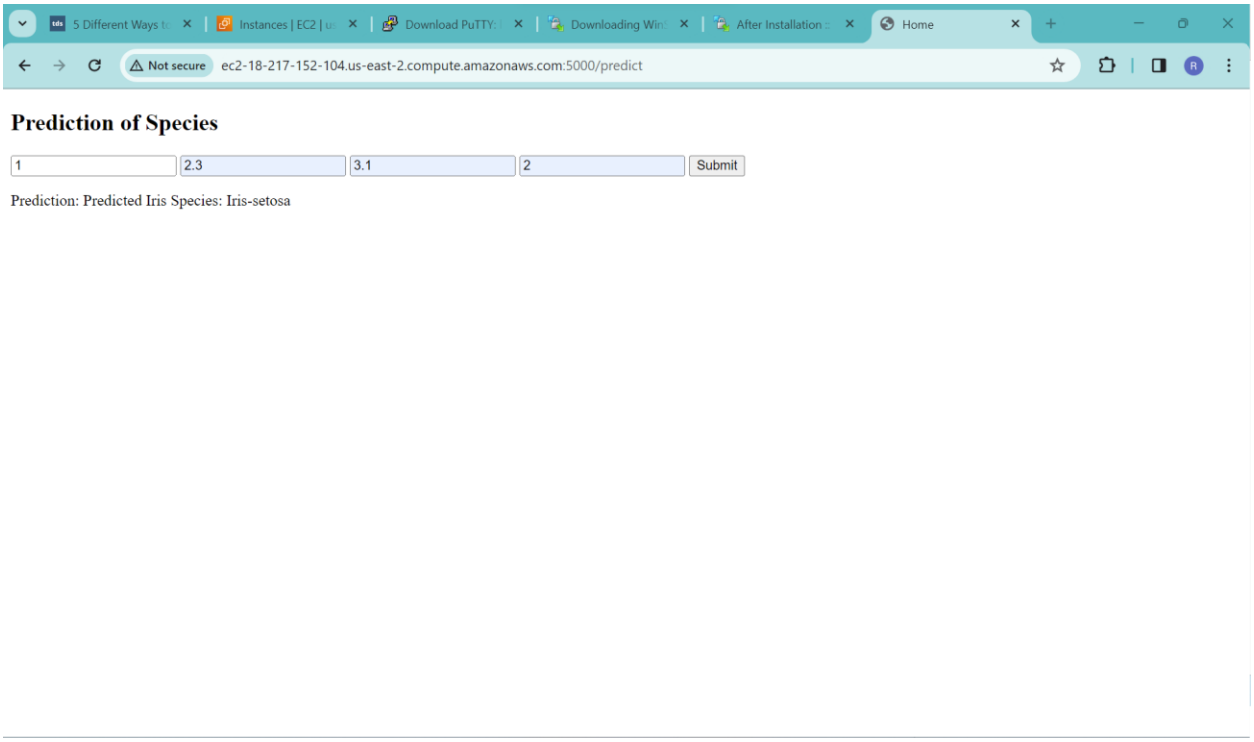
Link to access the Web app:

http://ec2-18-217-152-104.us-east-2.compute.amazonaws.com:5000/

5. Output Screens:




5 Different Ways
Instances | EC2
Download PuTTY:
Downloading Win
After Installation
Home
Not secure
ec2-18-217-152-104.us-east-2.compute.amazonaws.com:5000/predict
Prediction of Species
Sepal Length
Sepal Width
Petal Length
Petal Width
Submit
Prediction: Predicted Iris Species: Iris-virginica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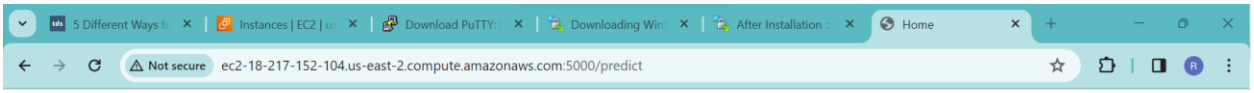
Home
Not secure
ec2-18-217-152-104.us-east-2.compute.amazonaws.com:5000/predict
Prediction of Species
1
2.3
3.1
2
Submit
Prediction: Predicted Iris Species: Iris-setosa



Prediction of Species

8 | 6 | 7 | 7 | Submit

Prediction: Predicted Iris Species: Iris-virginica