

Data Intake Report

Name: <Iris Flower Classifier>

Report date: <23-8-2021>

Internship Batch:<LISMO2>

Version:<1.0>

Data intake by:<Francis Ngethe Ngari>

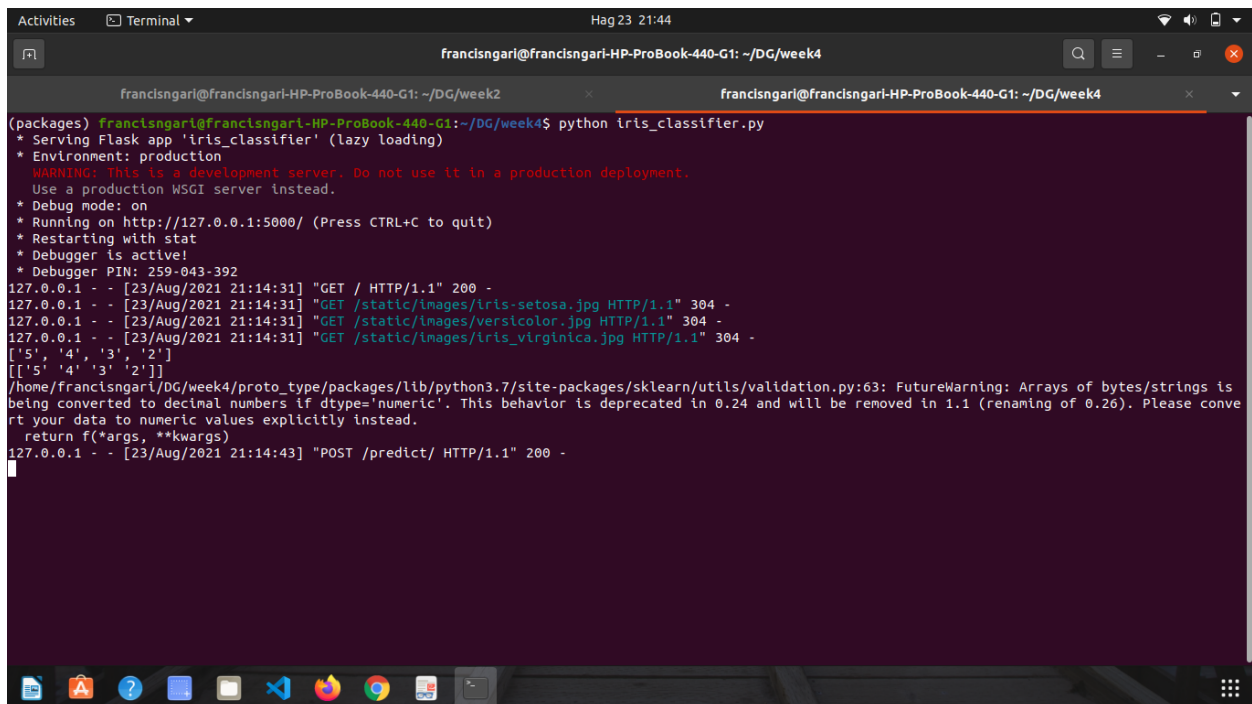
Data intake reviewer:<intern who reviewed the report>

Data storage location: <<https://github.com/Francis-Ngethe-Ngari>>

Snapshots of Deployment Process:

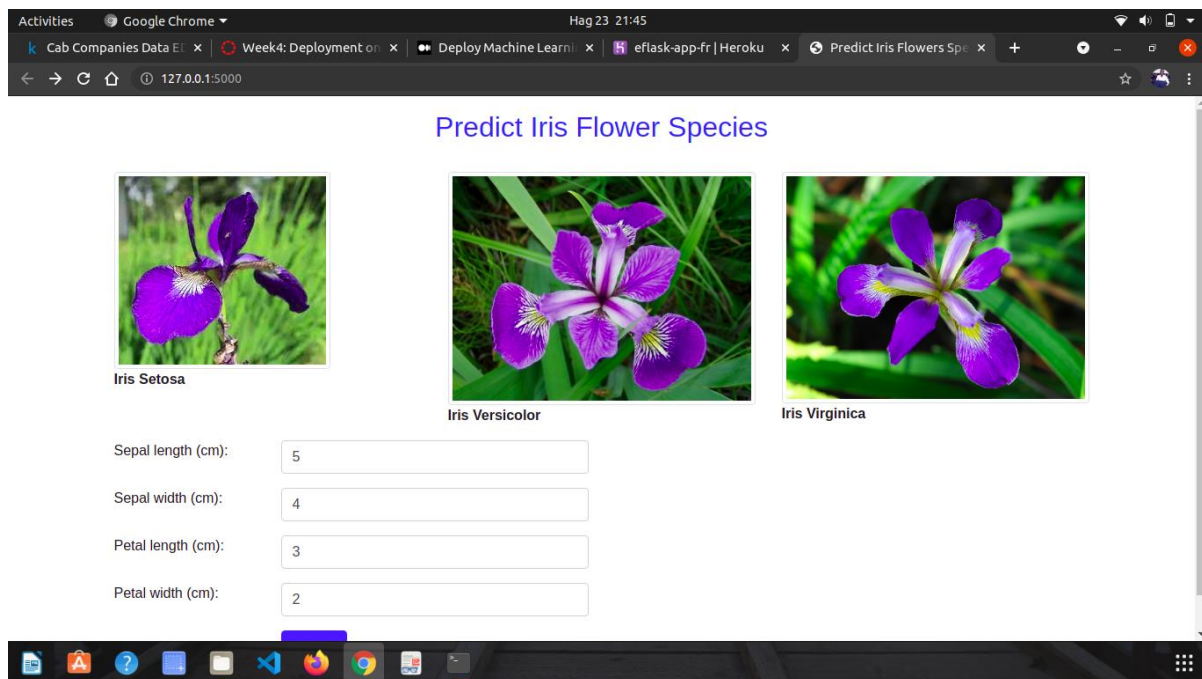
Running Flask-app:

- Python iris_classifier.py
Server running once the module is executed

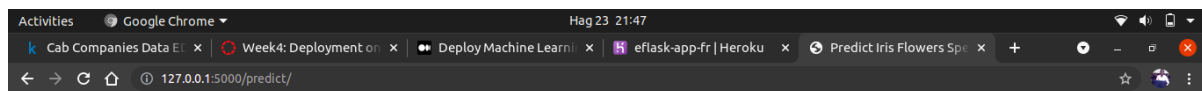


```
(packages) francisngari@francisngari-HP-ProBook-440-G1:~/DG/week4$ python iris_classifier.py
* Serving Flask app 'iris_classifier' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 259-043-392
127.0.0.1 - - [23/Aug/2021 21:14:31] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [23/Aug/2021 21:14:31] "GET /static/images/iris-setosa.jpg HTTP/1.1" 304 -
127.0.0.1 - - [23/Aug/2021 21:14:31] "GET /static/images/versicolor.jpg HTTP/1.1" 304 -
127.0.0.1 - - [23/Aug/2021 21:14:31] "GET /static/images/iris_virginica.jpg HTTP/1.1" 304 -
['5', '4', '3', '2']
[['5', '4', '3', '2']]
/home/francisngari/DG/week4/proto_type/packages/lib/python3.7/site-packages/sklearn/utils/validation.py:63: FutureWarning: Arrays of bytes/strings is
being converted to decimal numbers if dtype='numeric'. This behavior is deprecated in 0.24 and will be removed in 1.1 (renaming of 0.26). Please conve
rt your data to numeric values explicitly instead.
  return f(*args, **kwargs)
127.0.0.1 - - [23/Aug/2021 21:14:43] "POST /predict/ HTTP/1.1" 200 -
```

- This launches a very simple builtin server <http://127.0.0.1:5000>
- The home page is displayed in which user is prompted to enter input.



- Once user enters inputs the Application redirects to predict page which shows the output in terms of Iris flower species depending on inputs.
- This is launched in a server: <http://127.0.0.1:5000/predict/>



Prediction is virginica

