

Heroku Web App for Auto Colorization of Gray-Scale face Images

Assignment
Week 5 Assignment

Prepared by:
Aly Medhat Moslhi

Submitted to:
Data Glacier Internship Program

Patch No.:
LISUM11

Aug. 2, 2022

Requirements:

Flask==1.1.2

Werkzeug==2.0.2

numpy==1.20.3

requests==2.24.0

gunicorn==20.1.0

scikit-learn==0.24.2

scikit-image==0.18.3

Pillow==8.3.2

tensorflow-cpu==2.8.0

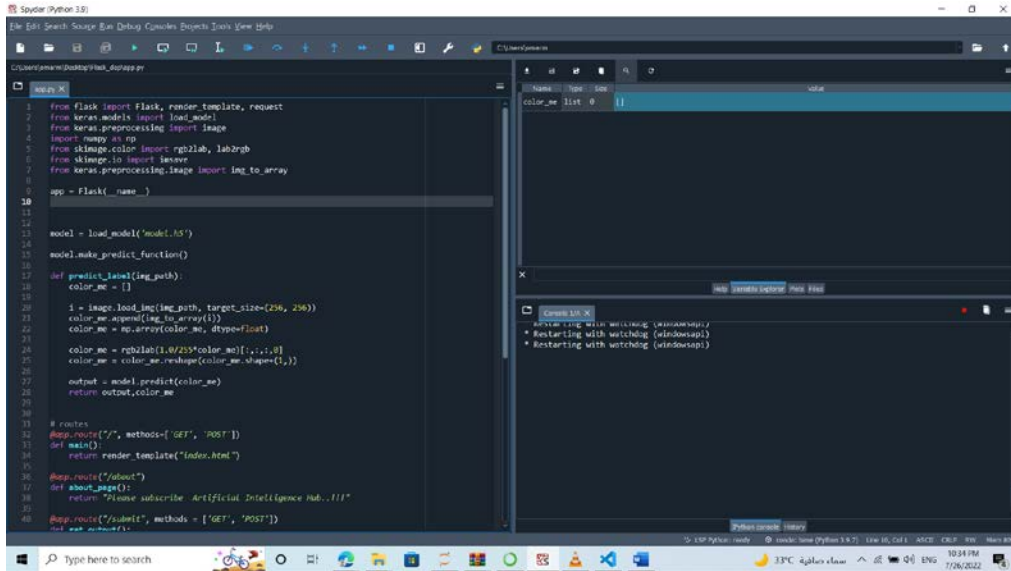
Keras-cpu==2.8.0

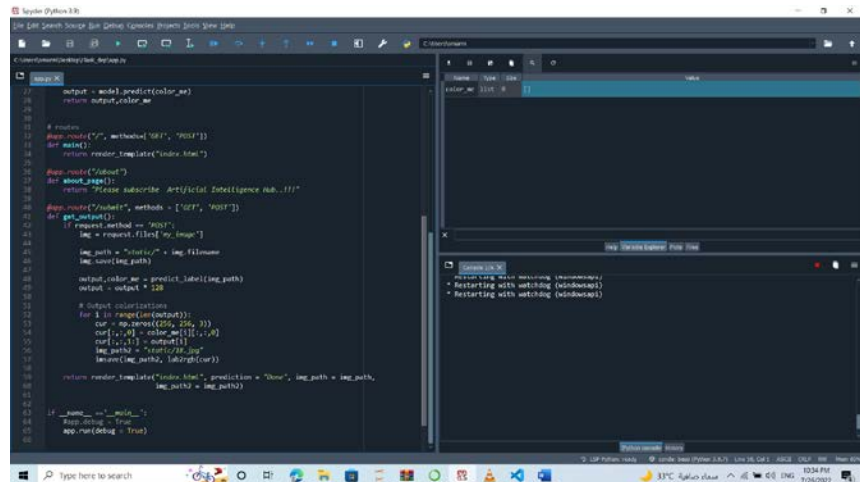
Dataset:

[Famous people faces | Kaggle](#)

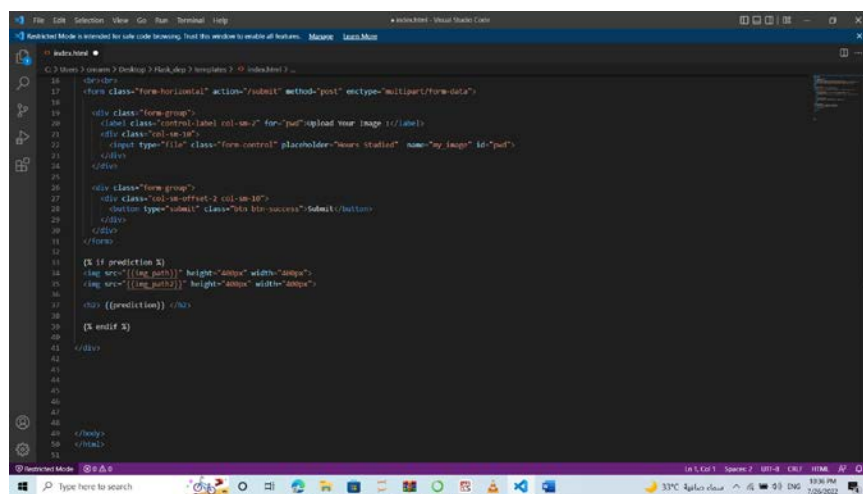
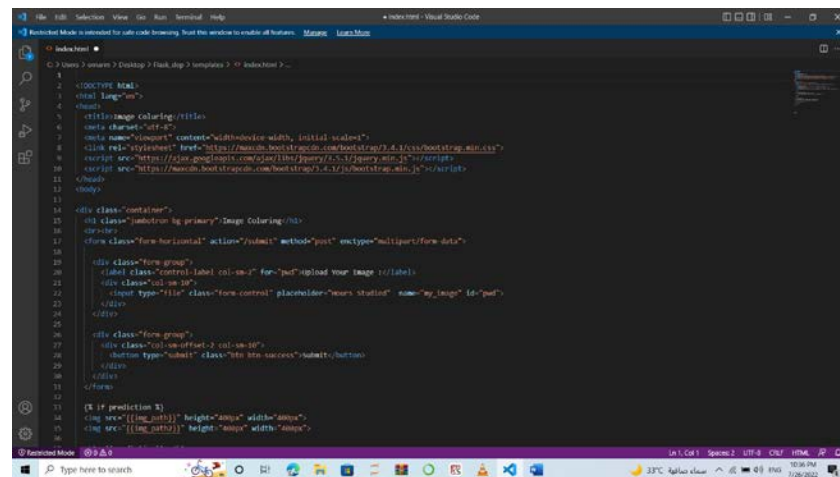
Deployment Steps:

- **Python:**





HTML and CSS:



Deployment:

- Requirements:

requirements.txt - Notepad

File Edit Format View Help

```
Flask==1.1.2
Werkzeug==2.0.2
numpy==1.20.3
requests==2.24.0
gunicorn==20.1.0
scikit-learn==0.24.2
scikit-image==0.18.3
Pillow==8.3.2
tensorflow-cpu==2.8.0
Keras-cpu==2.8.0
```

- runtime

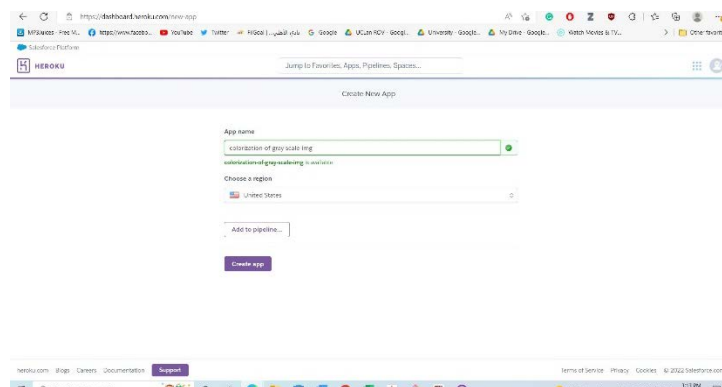
runtime.txt - Notepad

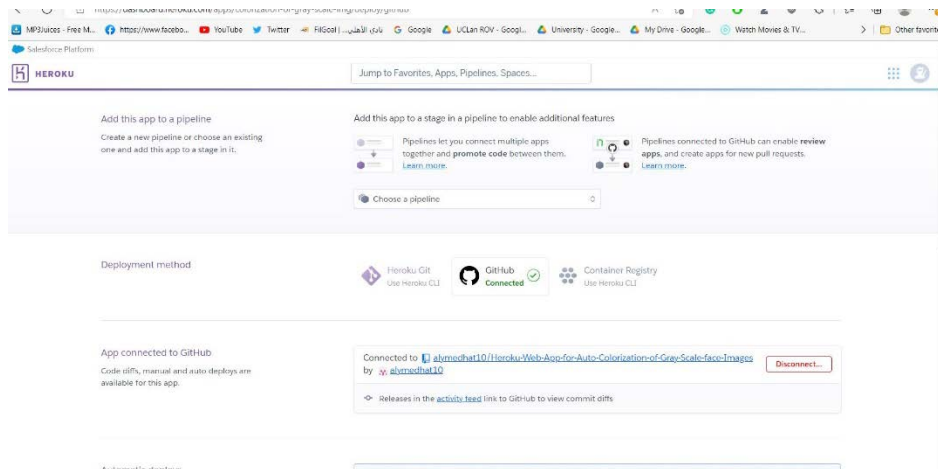
File Edit Format View Help

```
python-3.7.10
```

- Procfile:

```
web: gunicorn app:app
```





Results:

