

Sedat CAN

Bach Code: LISUM14

Submission Date: 04/11/2022

Submitted to: Data Glacier

### Step 1

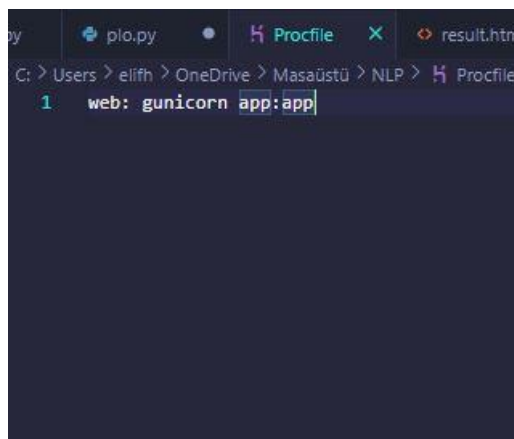
I use adult.csv data and model from week 4. The model uses Decision Tree Classifier which predict whether real income more 50K or not.

### Step 2

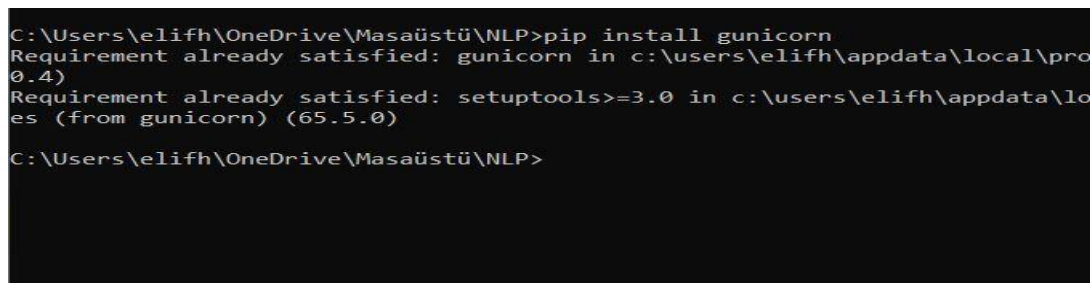
I downloaded Heroku Command-line Interface (CLI) and created an account at Heroku.

### Step 3

I come to folder where all required documents for model saved. I also Create Procfile to tell Heroku how to run app

A screenshot of a Windows command prompt window. The title bar shows several open files: 'plo.py', 'Procfile', and 'result.htm'. The command prompt shows the current directory path as 'C:\Users> elifh > OneDrive > Masaüstü > NLP > Procfile'. The content of the Procfile is displayed as '1 web: gunicorn app:app'.

- For Procfile I install gunicorn

A screenshot of a Windows command prompt window. The command prompt shows the current directory path as 'C:\Users\elifh\OneDrive\Masaüstü\NLP'. The command 'pip install gunicorn' has been entered. The output shows that the requirement is already satisfied: 'gunicorn in c:\users\elifh\appdata\local\pro... 0.4)' and 'setuptools>=3.0 in c:\users\elifh\appdata\lo... es (from gunicorn) (65.5.0)'. The prompt is now ready for the next command.

- I created requirements.txt with python -m pip freeze > requirements.txt

```
cmd C:\WINDOWS\system32\cmd.exe
```

```
vicorn==0.19.0  
werkzeug==2.2.2
```

```
:~\Users\elifh\OneDrive\Masaüstü\NLP>-m pip freeze > requirements.txt
```

#### Step 4

I login Heroku with 'heroku login'

I create app in heroku with 'heroku create assap15' .

```
g in... done  
ged in as sedatcancan1@gmail.com  
oku: Press any key to open up the browser to login or q to exit:  
Users\elifh\OneDrive\Masaüstü\NLP>eroku.com/auth/cli/browser/5496efd4-176c-487c-85a5-b2648fac  
Users\elifh\OneDrive\Masaüstü\NLP>IAAVGA.DTf0HwHmJLyDEYYM4UAKQViXoksQtGsUnvaqSyzdip0  
Users\elifh\OneDrive\Masaüstü\NLP>heroku create és
```

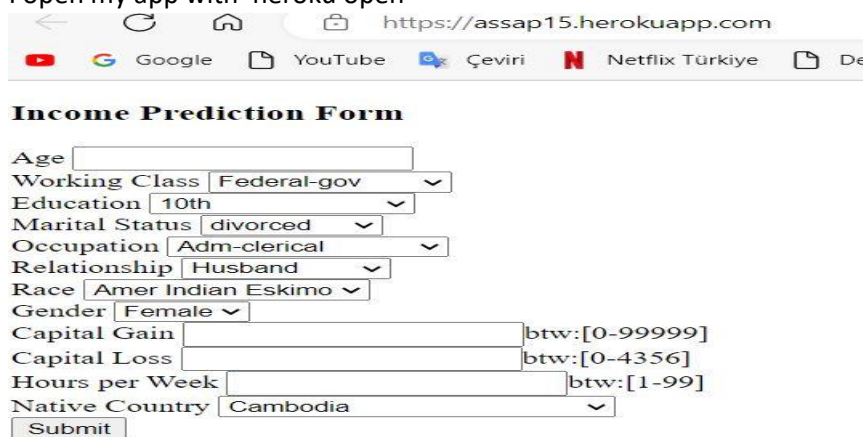
#### Step 5

I create git repository and commit changes.

Then I push all files to heroku with 'git push heroku master'

#### Step 6

I open my app with 'heroku open'



https://assap15.herokuapp.com

**Income Prediction Form**

Age

Working Class

Education

Marital Status

Occupation

Relationship

Race

Gender

Capital Gain  btw:[0-99999]

Capital Loss  btw:[0-4356]

Hours per Week  btw:[1-99]

Native Country



**Income more than 50K**

My app work fine !!!!!!!!!!!