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Deployment Data Science Prediksi Karyawan Resign Menggunakan Framework Flask

1. Pertama, buat environment terlebih dahulu dengan mengetikan conda create -n ds python=3.9 di Anconda Prompt tunggu prosesnya sampai selesai.

```
Anaconda Prompt (anaconda3)
 base) C:\Users\Ashad>conda create -n ds python=3.9
Collecting package metadata (current_repodata.json): done Solving environment: done
 => WARNING: A newer version of conda exists. <==
current version: 4.14.0</pre>
  latest version: 22.9.0
Please update conda by running
    $ conda update -n base -c defaults conda
## Package Plan ##
  environment location: C:\Users\Ashad\anaconda3\envs\ds
  added / updated specs:
     python=3.9
 he following packages will be downloaded:
                                                  build
    package
    certifi-2022.9.14
                                       py39haa95532_0
py39haa95532 0
```

2. Kedua ketikan conda activate ds

```
Anaconda Prompt (anaconda3) - "C:\Users\Ashad\anaconda3\condabin\conda.bat" activate ds
                                                                                    ×
Downloading and Extracting Packages
tzdata-2022c | 107 KB | | |
pip-22.1.2 | 2.5 MB | |
python-3.9.13 | 17.1 MB | |
certifi-2022.9.14 | 155 KB | |
                         100%
                          100%
                          100%
                                                                                     100%
                          setuptools-63.4.1
                1.0 MB
                          Preparing transaction: done
Verifying transaction: done
Executing transaction: done
 To activate this environment, use
    $ conda activate ds
 To deactivate an active environment, use
    $ conda deactivate
Retrieving notices: ...working... done
base) C:\Users\Ashad>conda activate ds
(ds) C:\Users\Ashad>
```



3. Ketiga, install Framework Flasknya dengan mengetikkan pip install Flask

 Keempat, masuk ke folder Project yang telah dibuat sesuai instruksi pada link ini https://rasyidev.notion.site/Deployment-Flask-Data-Science-8b2af7b552394b5c8c8f16b290
 https://sasyidev.notion.site/Deployment-Flask-Data-Science-8b2af7b552394b5c8c8f16b290
 https://sasyidev.notion.site/Deployment-Blask-Data-Science-8b2af7b552394b5c8c8f16b290
 <a

Lalu ketikan cd Project

```
(ds) C:\Users\Ashad>cd Project

(ds) C:\Users\Ashad\Project>
```

Selanjutnya masuk ke folder yang telah dibuat, saya menamainya pkr dan ketikan cd pkr

```
Successfully installed Flask-2.2.2 Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 cl adata-4.12.0 itsdangerous-2.1.2 zipp-3.8.1

(ds) C:\Users\Ashad\cd Project

(ds) C:\Users\Ashad\Project\cd flask-ds
The system cannot find the path specified.

(ds) C:\Users\Ashad\Project\cd pkr

(ds) C:\Users\Ashad\Project\pkr>
```

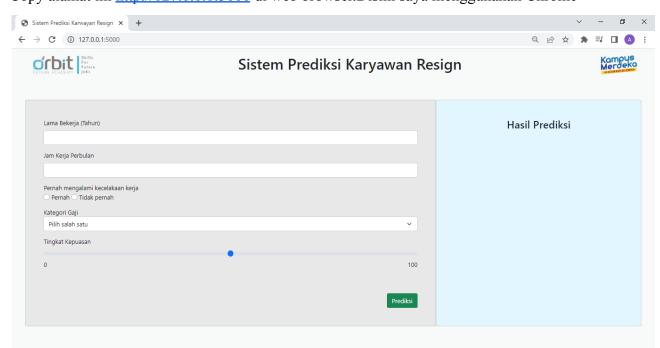


5. Kelima, install sklearn dengan perintah pip install -U scikit-learn

6. Keenam, ketikan flask run menjalankan flasknya

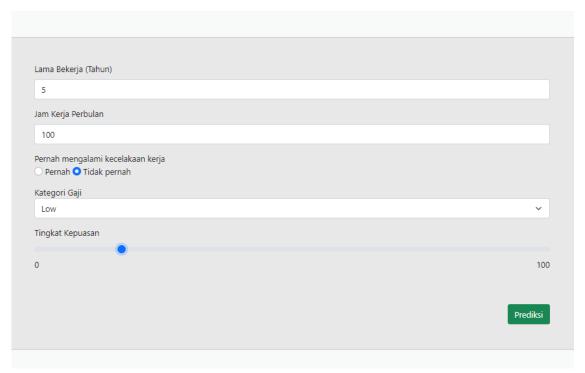
```
(ds) C:\Users\Ashad\Project\pkr>flask run
(c:\Users\Ashad\anaconda3\envs\ds\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator Decisi
onTreeClassifier from version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use a
't your own risk. For more info please refer to:
whttps://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
warnings.warn(
C:\Users\Ashad\anaconda3\envs\ds\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator Standa
rdScaler from version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your o
wn risk. For more info please refer to:
https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
warnings.warn(
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

Copy alamat ini http://127.0.0.1:5000 di web browser.Disini saya menggunakan Chrome





Saya coba inputkan seperti ini



Hasilnya

