

AI4Jobs | Kampus Merdeka Batch 3

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Kelas : Cosmic

Deployment : Studi Kasus Prediksi Karyawan Resign

1. Install flask → pip install flask. Di sini saya sudah install

```
Anaconda Prompt (New folder)

(base) C:\Users\Faiz>pip install flask
Requirement already satisfied: flask in c:\users\faiz\anaconda3\new folder\lib\site-packages (1.1.2)
Requirement already satisfied: click>=5.1 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: colorama in c:\users\faiz\anaconda3\new folder\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\Users\Faiz>
```

2. Masuk ke folder project, ketikkan cd project

```
Anaconda Prompt (New folder)

(base) C:\Users\Faiz>pip install flask
Requirement already satisfied: flask in c:\users\faiz\anaconda3\new folder\lib\site-packages (1.1.2)
Requirement already satisfied: click>=5.1 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.11.3)
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Requirement already satisfied: colorama in c:\users\faiz\anaconda3\new folder\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\Users\Faiz>cd project
(base) C:\Users\Faiz\Project>
```

3. Setelah itu masuk ke folder yang telah dibuat, saya menamainya pkr → ketikkan cd pkr

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```

Anaconda Prompt (New folder)

(base) C:\Users\Faiz>pip install flask
Requirement already satisfied: flask in c:\users\faiz\anaconda3\new folder\lib\site-packages (1.1.2)
Requirement already satisfied: click>=5.1 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: colorama in c:\users\faiz\anaconda3\new folder\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\faiz\anaconda3\new folder\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\Users\Faiz>cd project

(base) C:\Users\Faiz\Project>cd pkr

(base) C:\Users\Faiz\Project\pkr>_

```

4. Jika muncul jendela dialog, maka klik “Allow Acces”. Saya lupa screenshot :D

```

Anaconda Prompt (New folder) - python app.py

(base) C:\Users\Faiz>python app.py
python: can't open file 'C:\Users\Faiz\app.py': [Errno 2] No such file or directory

(base) C:\Users\Faiz>cd project

(base) C:\Users\Faiz\Project>python app.py
python: can't open file 'C:\Users\Faiz\Project\app.py': [Errno 2] No such file or directory

(base) C:\Users\Faiz\Project>cd pkr

(base) C:\Users\Faiz\Project\pkr>python app.py
C:\Users\Faiz\anaconda3\New folder\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator DecisionTreeClassifier from version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
  warnings.warn(
C:\Users\Faiz\anaconda3\New folder\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator StandardScaler from version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
  warnings.warn(
* Serving Flask app "app" (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
* Restarting with watchdog (windowsapi)
C:\Users\Faiz\anaconda3\New folder\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator DecisionTreeClassifier from version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
  warnings.warn(
C:\Users\Faiz\anaconda3\New folder\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator StandardScaler from version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
  warnings.warn(
* Debugger is active!
* Debugger PIN: 624-614-647
* Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://192.168.1.10:5000/ (Press CTRL+C to quit)
192.168.1.10 - - [27/Sep/2022 22:12:16] "GET / HTTP/1.1" 200 -
192.168.1.10 - - [27/Sep/2022 22:12:17] "GET /static/images/orbit.png HTTP/1.1" 200 -
192.168.1.10 - - [27/Sep/2022 22:12:17] "GET /static/images/kampus-merdeka.png HTTP/1.1" 200 -
192.168.1.10 - - [27/Sep/2022 22:12:17] "GET /favicon.ico HTTP/1.1" 404 -
192.168.1.10 - - [27/Sep/2022 22:12:37] "POST /predict HTTP/1.1" 200 -
192.168.1.10 - - [27/Sep/2022 22:17:52] "POST /predict HTTP/1.1" 200 -

```

5. Copy alamat ini <http://192.168.1.10:5000/> dan paste kan di web browser

Output

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Salinan dari Salinan dari Salinan x mfaizurochman/Biografiku x Pengumpulan Self Learning Tech x Sistem Prediksi Karwayan Resign x

Not secure | 192.168.1.10:5000/predict

Arabic verb conjug... eLOK SIMASTER UGM: Lo... مشاريع مفتوحة الم... مؤسسة هنداوي Narabahasa | Kuasa... الرئيسة | التفسير التف... Hosting Archives ... Panduan Web Hosti...

orbit
FUTURE ACADEMY

Sistem Prediksi Karyawan Resign

Kampus
Merdeka
INDONESIA 2022

Lama Bekerja (Tahun)

Jam Kerja Perbulan

Pernah mengalami kecelakaan kerja

☐ Pernah ☐ Tidak pernah

Kategori Gaji

Pilih salah satu

Tingkat Kepuasan

0

100

Prediksi

Hasil Prediksi

Karyawan tersebut diprediksi 99% Tidak Resign