

Deployment on Flask

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Batch Code: LISUM09

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Going through the video introduction

```
PS C:\Users\MilaHY\repos\Data-Glacier-Internship\Week4> pip install flask
Collecting flask
  Downloading Flask-2.1.2-py3-none-any.whl (95 kB)
    95.2/95.2 KB ? eta 0:00:00
Collecting Werkzeug>=2.0
  Downloading Werkzeug-2.1.2-py3-none-any.whl (224 kB)
    224.9/224.9 KB 13.4 MB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
    96.6/96.6 KB ? eta 0:00:00
```

```
from flask import Flask

app = Flask(__name__)

@app.route('/') #http://www.google.com/
def home():
    return "Hello, world!"

app.run(port=5000)
```

```
Microsoft Windows [Version 10.0.22000.708]
(c) Microsoft Corporation. All rights reserved.

C:\Users\MilaHY\repos\Data-Glacier-Internship\Week4>python app.py
* 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: off
* Running on http://127.0.0.1:5000 (Press CTRL+C to quit)
```

Copy the link to browser:



Task on building modal and flask deployment:

1. Download all the code given

Name	Date modified	Type	Size
static	28/5/2022 11:58 am	File folder	
templates	28/5/2022 11:59 am	File folder	
app.py	28/5/2022 11:55 am	Python File	1 KB
app1.py	28/5/2022 11:40 am	Python File	1 KB
Deployment on Flask.docx	28/5/2022 11:51 am	Microsoft Word Doc...	98 KB
model.pkl	28/5/2022 12:03 pm	PKL File	1 KB
price.csv	28/5/2022 12:00 pm	Microsoft Excel Com...	1 KB

2.

3. Install scikit-learn library

```
PS C:\Users\MilahaY\repos\Data-Glacier-Internship\Week4> pip install scikit-learn
Collecting scikit-learn
  Downloading scikit_learn-1.1.1-cp310-cp310-win_amd64.whl (7.3 MB)
    |#####| 7.3/7.3 MB 710.7 kB/s eta 0:00:00
Collecting joblib>=1.0.0
  Downloading joblib-1.1.0-py2.py3-none-any.whl (306 kB)
    |#####| 307.0/307.0 kB 1.1 MB/s eta 0:00:00
Requirement already satisfied: numpy>=1.17.3 in c:\users\milahaY\appdata\local\programs\python\python310\lib\site-packages (from s
cikit-learn) (1.22.3)
Requirement already satisfied: scipy>=1.3.2 in c:\users\milahaY\appdata\roaming\python\python310\site-packages (from scikit-learn)
```


a.

4. Run app.py and copy url

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