



CLOUD SERVICES

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Cloud Application Design

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- Flask is a web micro-framework written in Python
- Flask is made for Python applications.
- Flask is based on two key components: WSGI (Webserver Gateway Interface) toolkit and Jinja2 template engine.
- WSGI is a specification for web applications and Jinja2 renders web pages.
- LinkedIn, Pinterest use the Flask framework.

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Flask Hello World

- On the command prompt type `pip3 install Flask`
- Create an `app.py` file and type the following content

```
from flask import Flask
app = Flask(__name__)


@app.route("/")
def hello():
    return "Hello World!"


if __name__ == "__main__":
    app.run()
```


```
$ python hello.py
* Running on http://localhost:5000/
```


Create a Project folder structure

- app.py: This Python file will contain the Flask specific code – which is part of the backend which is going to respond for the client requests
- Model.pkl: This file is the dumped model which has the ability to predict
- Templates folder: This folder will contain the HTML files. These HTML files will be rendered on the web browser.
- You can also store js, css and other python files if they are required.

 templates

 app

 irispickle.pkl

 requirements



THANK YOU

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