

Web Application with Flask

<https://www.tertiarycourses.com.my/creating-web-apis-with-python-and-flask.html>

Unlock the power of Flask for web application development with our comprehensive course. Delve into the core concepts including Routing, Jinja Templating, handling HTTP requests, uploading files, and crafting Restful APIs. Our hands-on approach ensures you gain practical experience while understanding the intricate details of Flask.

By the end of this course, not only will you be proficient in developing robust web apps using Flask, but you will also have the confidence to deploy them to Heroku. Ensure your prowess in web application development and stand out in the tech domain. Join us and master Flask with Tertiary Courses today.

Prerequisite

This is an intermediate level course. The following prerequisite is assumed

- Basic HTML
- Basic CSS
- Basic Javascript
- Basic Python

Software Requirement

Please Download and install the following software prior to the class

- Python 3.x <https://www.python.org/downloads/>
- Sublime Text 3 <https://www.sublimetext.com/3>
- Pycharm <https://www.jetbrains.com/pycharm/download/>

Duration

1 Day

Topics

Topic 1 Get Started on Flask

- Use Flask as Web API Middleware
- Create a Simple Flask Web API
- Test the Flask Web API on Postman

Topic 2 Render Web Template

- Utilize Flask Templating Framework
- Integrate Data and Variables to Template
- Implement Control Structures and Functions
- Integrate Static Files

Topic 3 Create REST API

- Work with JSON Data
- HTTP Methods and Status Code
- Implement Variable Rules
- Test URL Rules

Topic 4: Deploy to Heroku

- Install Heroku CLI
- Install Git
- Deploying Flask app to Heroku