

FLASK



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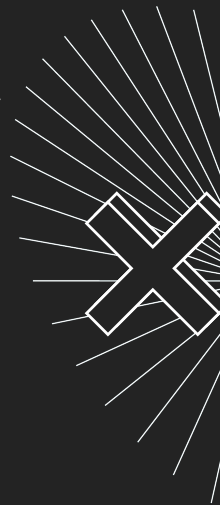
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Introduction to Flask

- Flask is called “micro”. Because it gives you the basic tools to build a web application.
- Lightweight python framework.
- Why Flask?
 - Simple, easy to learn.
 - Flexible
 - Good for small projects.
- Used by companies like Pinterest and reddit



Flask VS Django

Flask	Django
TYPE: Microframework (lightweight)	Full-stack (batteries-include)
FLEXIBILITY: High	Less
BEST FOR: Small apps	Large Apps



Basic structure

- venv (virtual environment)
- app.py (main flask code: routs, logic.
- templates folder (html files)
- static (css, js, imaged)



Routing in Flask

Routing means mapping URLs to python function

Templates and Jinja2

Basic Jinja2:

- `{{ variable }}`: Display a variable.
- `{% if condition %}`: conditional statement.
- `{% for item in list %}`: loops.



Lab: Movie Watchlist

Routing:

- Display movies, add_movie, delete_movie

Templates:

- Base, index, add_movie,

Static:

- Style

