

FastAPI Fundamentals

Introducing FastAPI



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Overview



FastAPI

- What and why
- Compare with other frameworks

Project

- Overview
- Requirements

What you should know already



<https://fastapi.tiangolo.com/>



Comparing Frameworks

FastAPI

Young

Focused on REST

Minimal Code

Performance

Type Hints

Validation, Conversion of Data

Auto-generated Documentation

Django

Very Mature

Very Complete

Focused on websites

Extension: django-rest-framework

Great ecosystem & tools



Comparing Frameworks

FastAPI

Young

Focused on REST

Minimal Code

Performance

Type Hints

Validation, Conversion of Data

Auto-generated Documentation

Flask

Microframework – almost no features

Focused on websites

Use extensions or write your own



Prerequisites

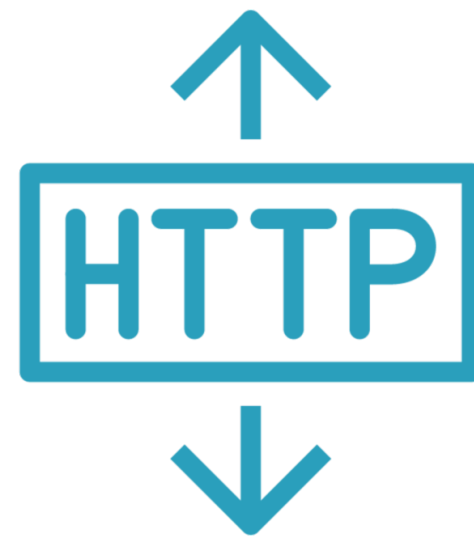
What do you need to know to follow this course?



Python

Python basics

(Type hints)



HTTP

Methods, status codes, ..

REST



Databases

SQL



Recent Python version (suggest 3.10+)

FastAPI supports 3.6+

Editor: Pycharm, VSCode, or similar

Project

Requirements



[https://github.com/codesensei-courses
/fastapi_fundamentals](https://github.com/codesensei-courses/fastapi_fundamentals)



Up Next: First Steps

