

Lesson 42: REST APIs with FastAPI

Data Science with Python – BSc Course

45 Minutes

Learning Objectives

After this lesson, you will be able to:

- Create API endpoints
- Design input schemas
- Handle predictions
- Document with Swagger

Building towards your final project

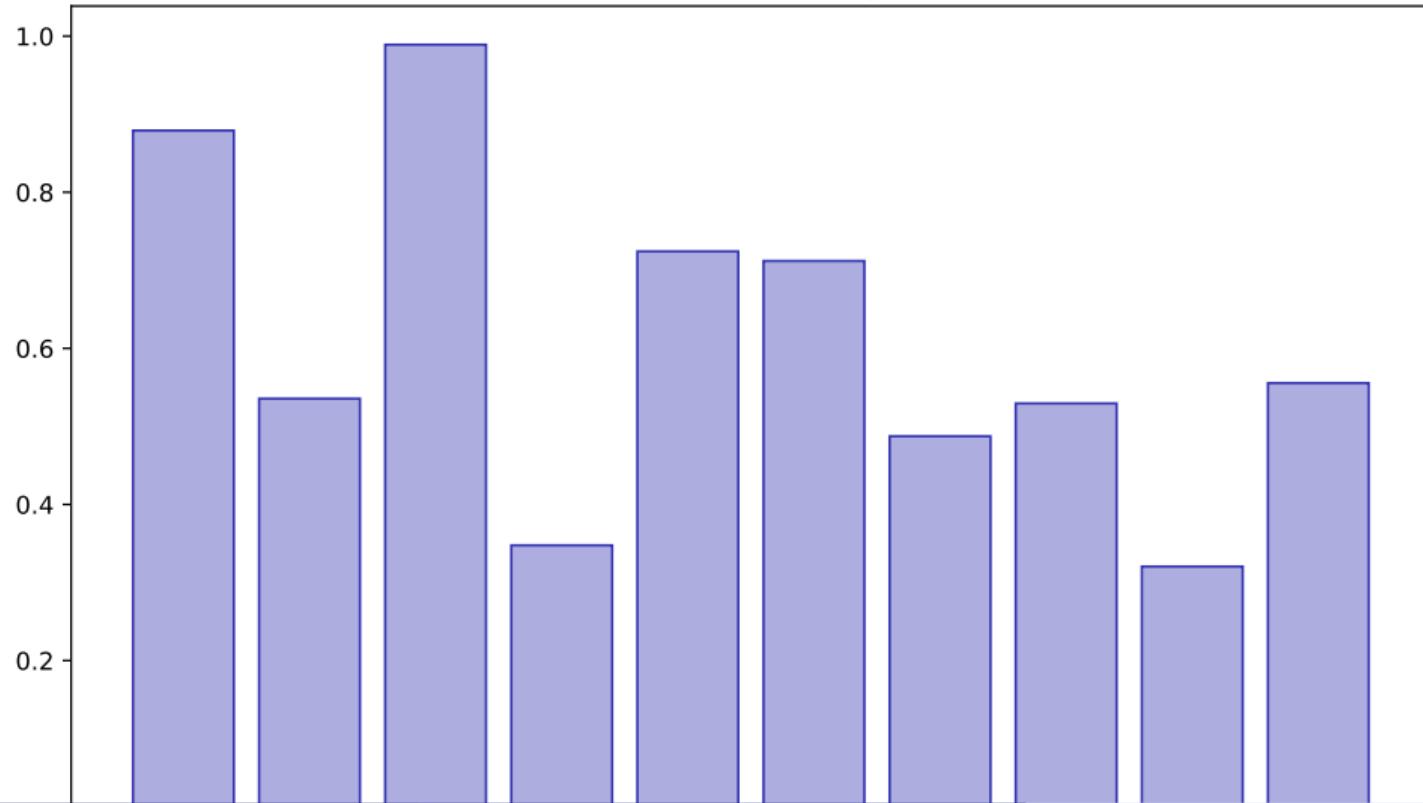
Api Concept



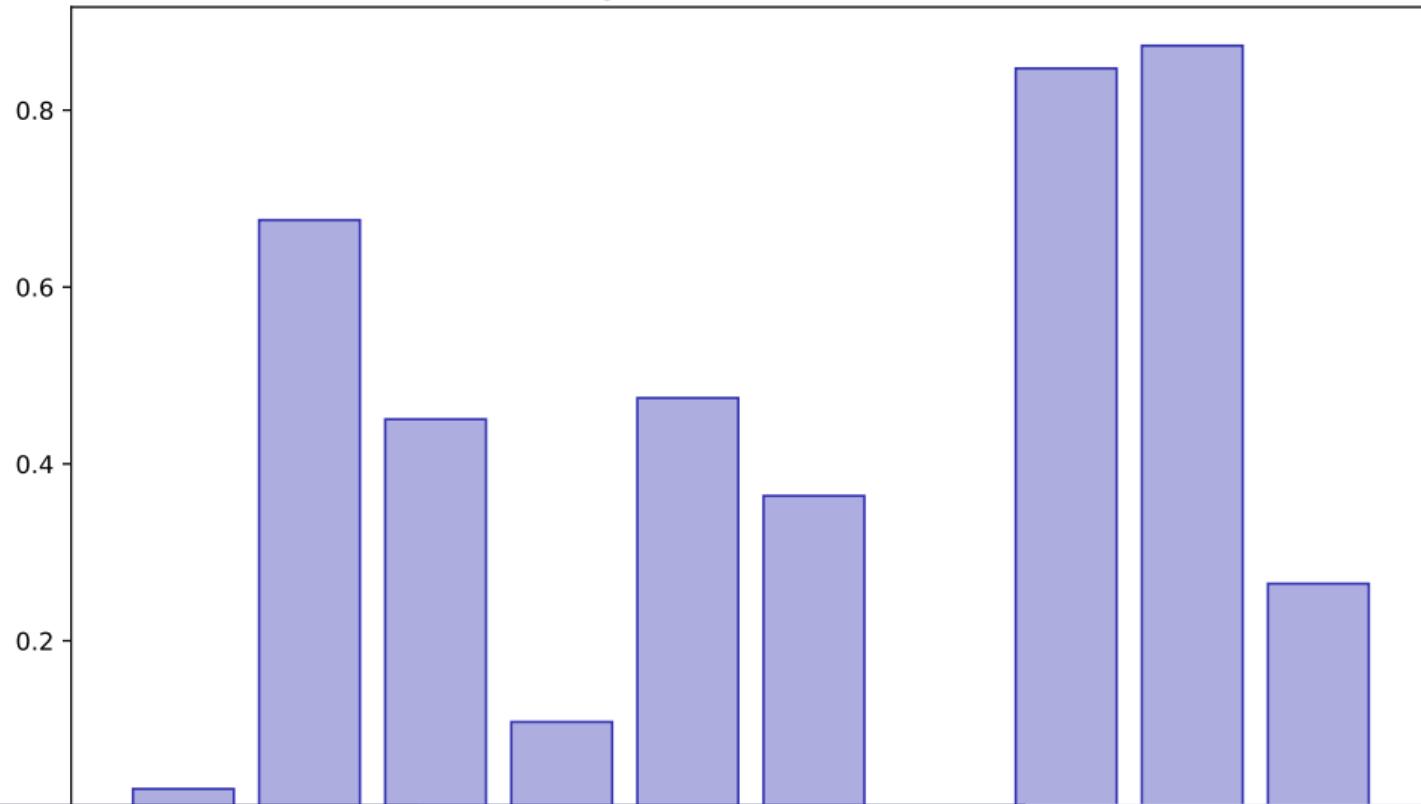
Fastapi Basics



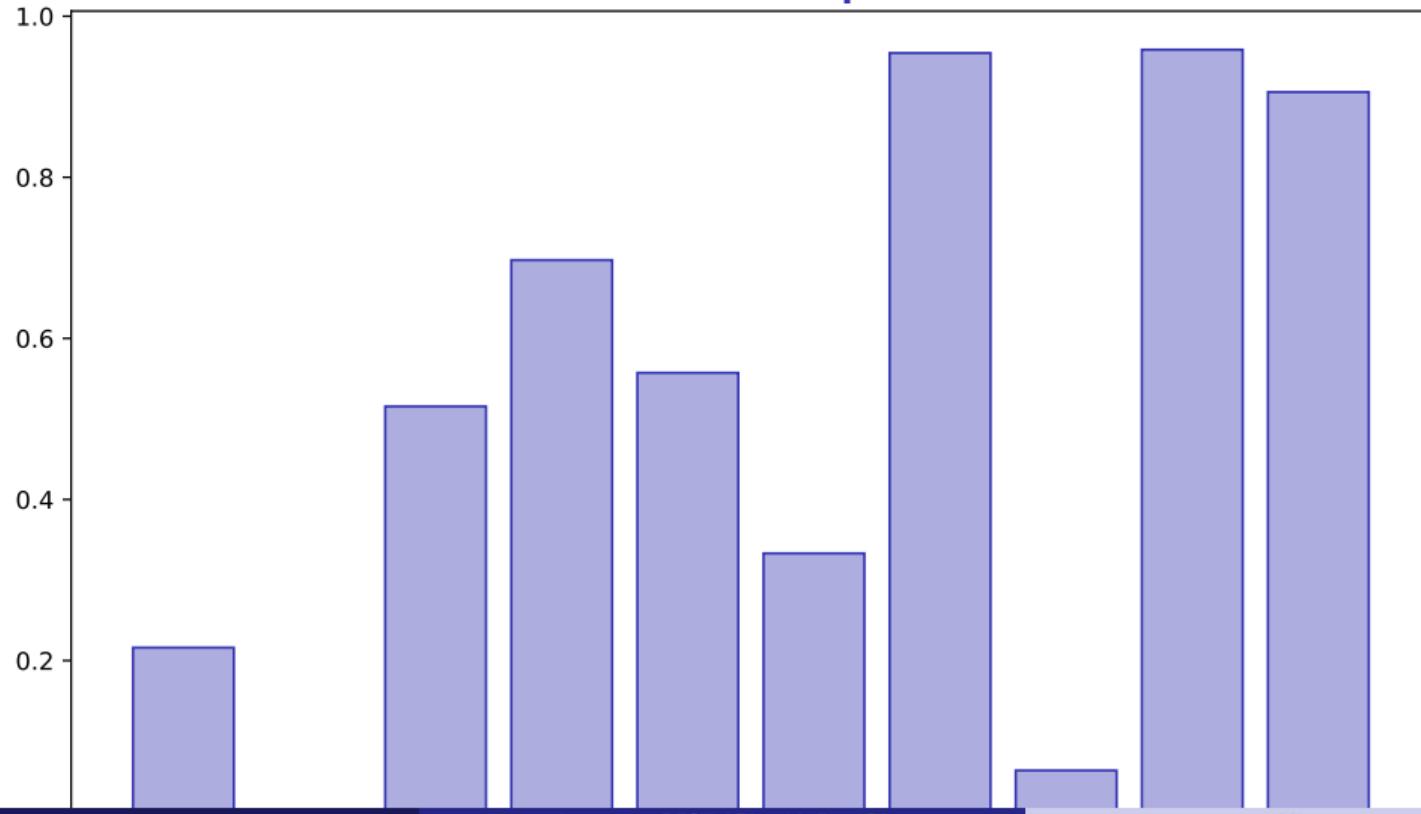
Endpoint Design



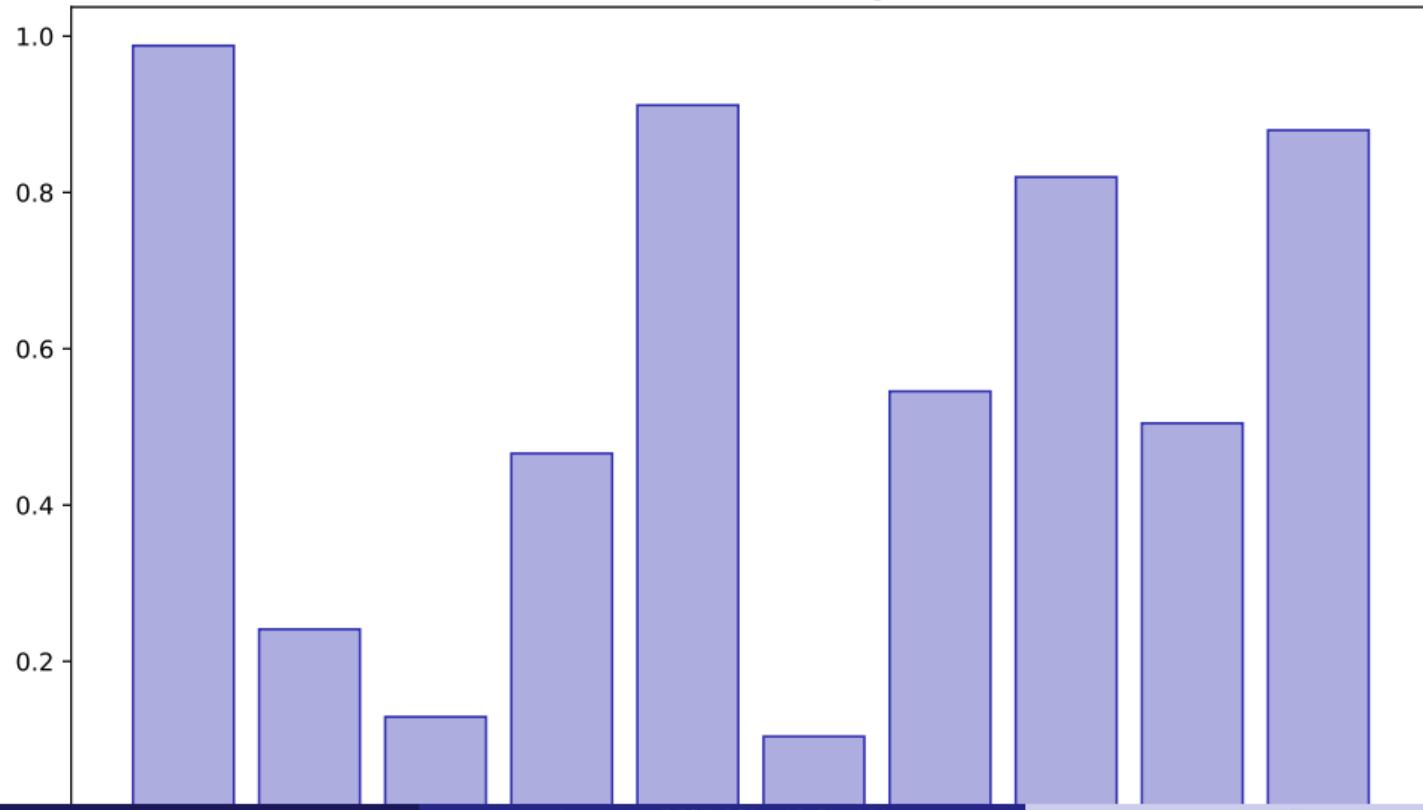
Pydantic Schemas



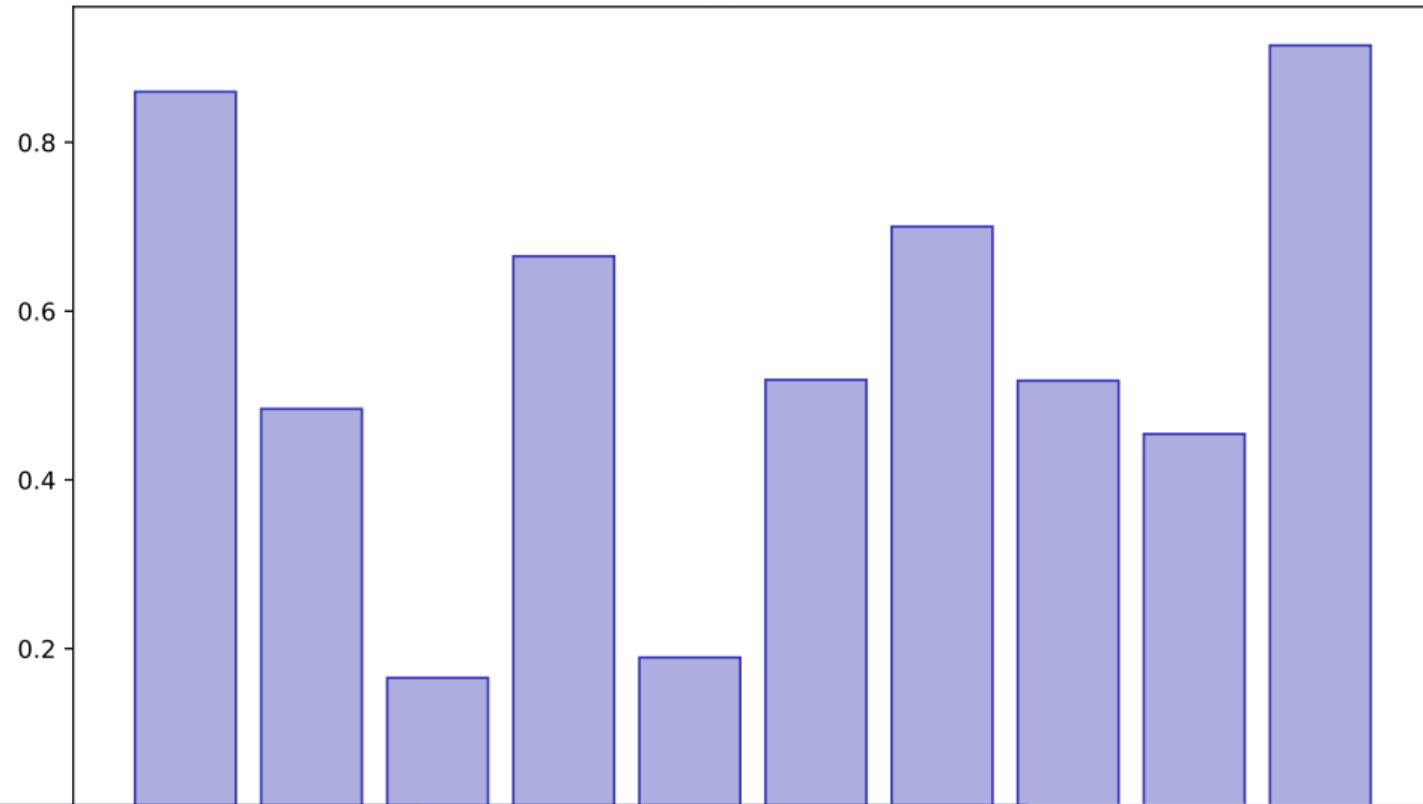
Prediction Endpoint



Error Handling



Swagger Docs



Finance Api



Lesson Summary

Key Takeaways:

- Create API endpoints
- Design input schemas
- Handle predictions
- Document with Swagger

Apply these skills in your final project