

Lesson 44: Cloud Deployment

Data Science with Python – BSc Course

45 Minutes

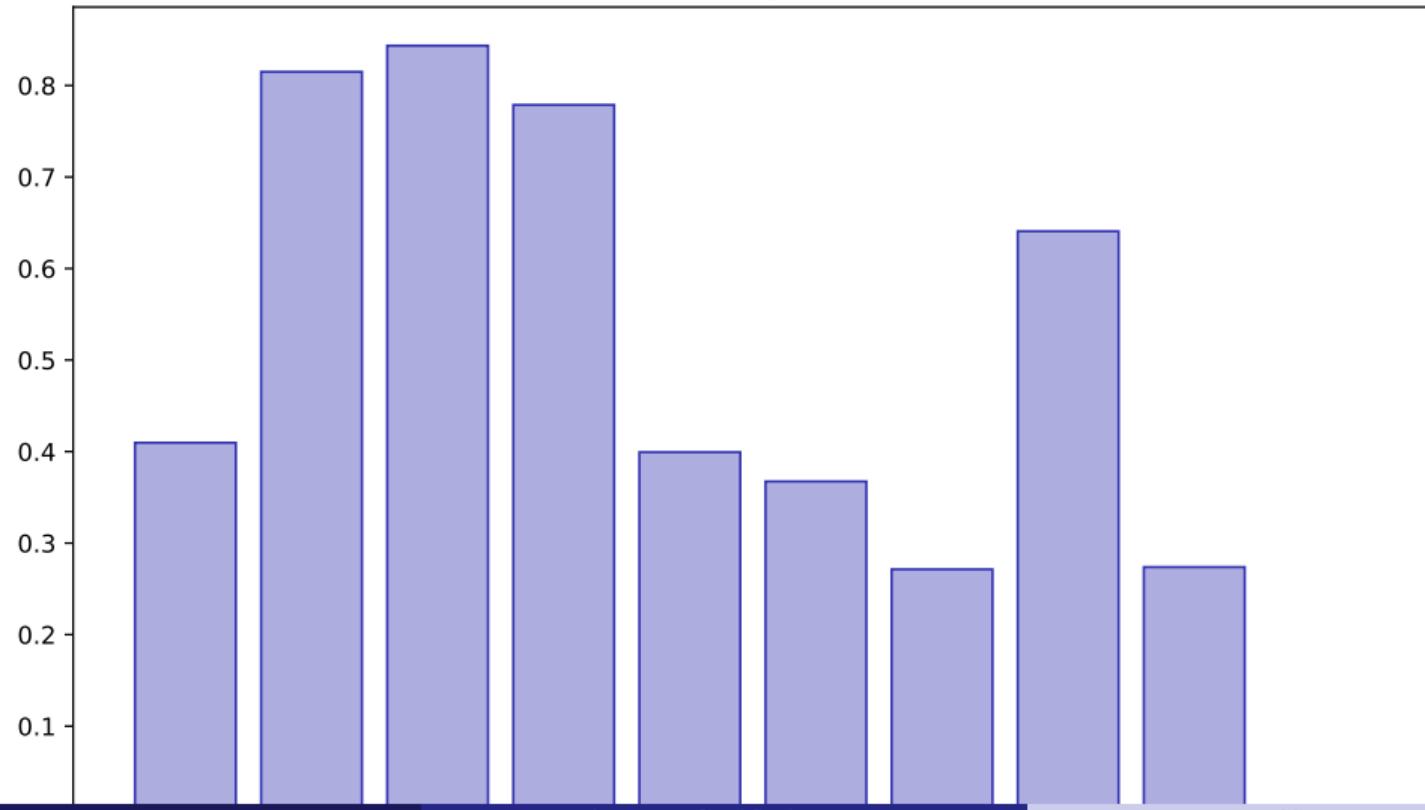
Learning Objectives

After this lesson, you will be able to:

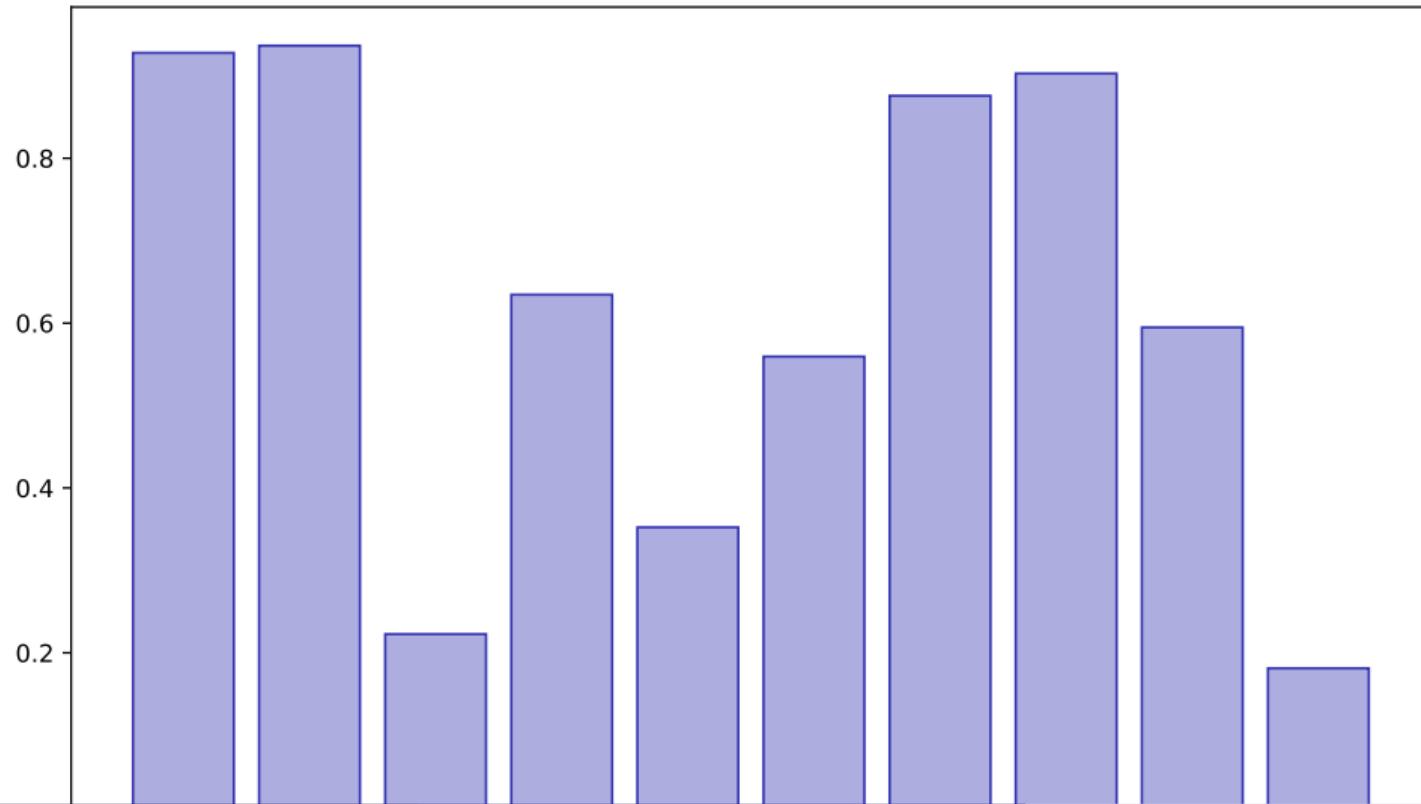
- Deploy to Streamlit Cloud
- Configure requirements
- Manage secrets
- Monitor applications

Building towards your final project

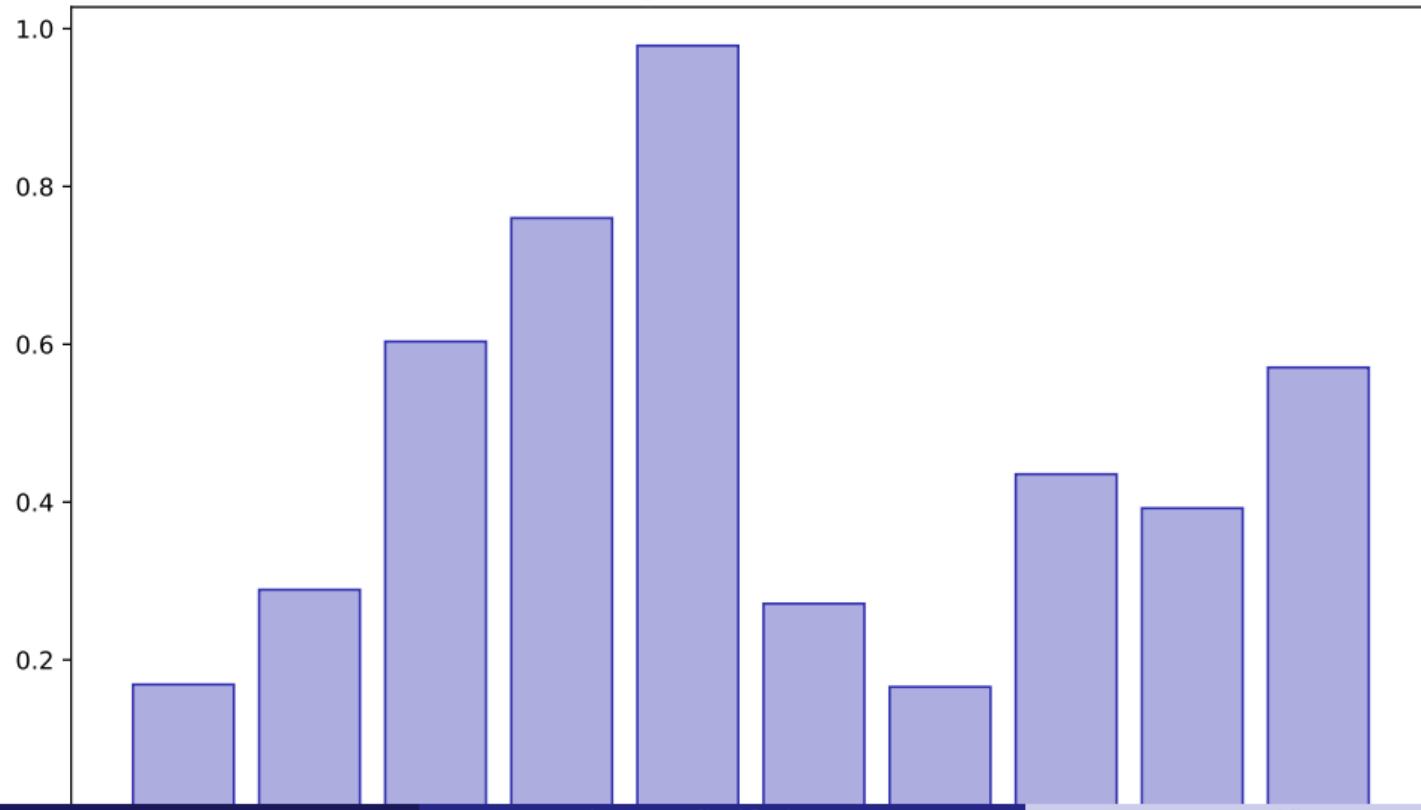
Cloud Options



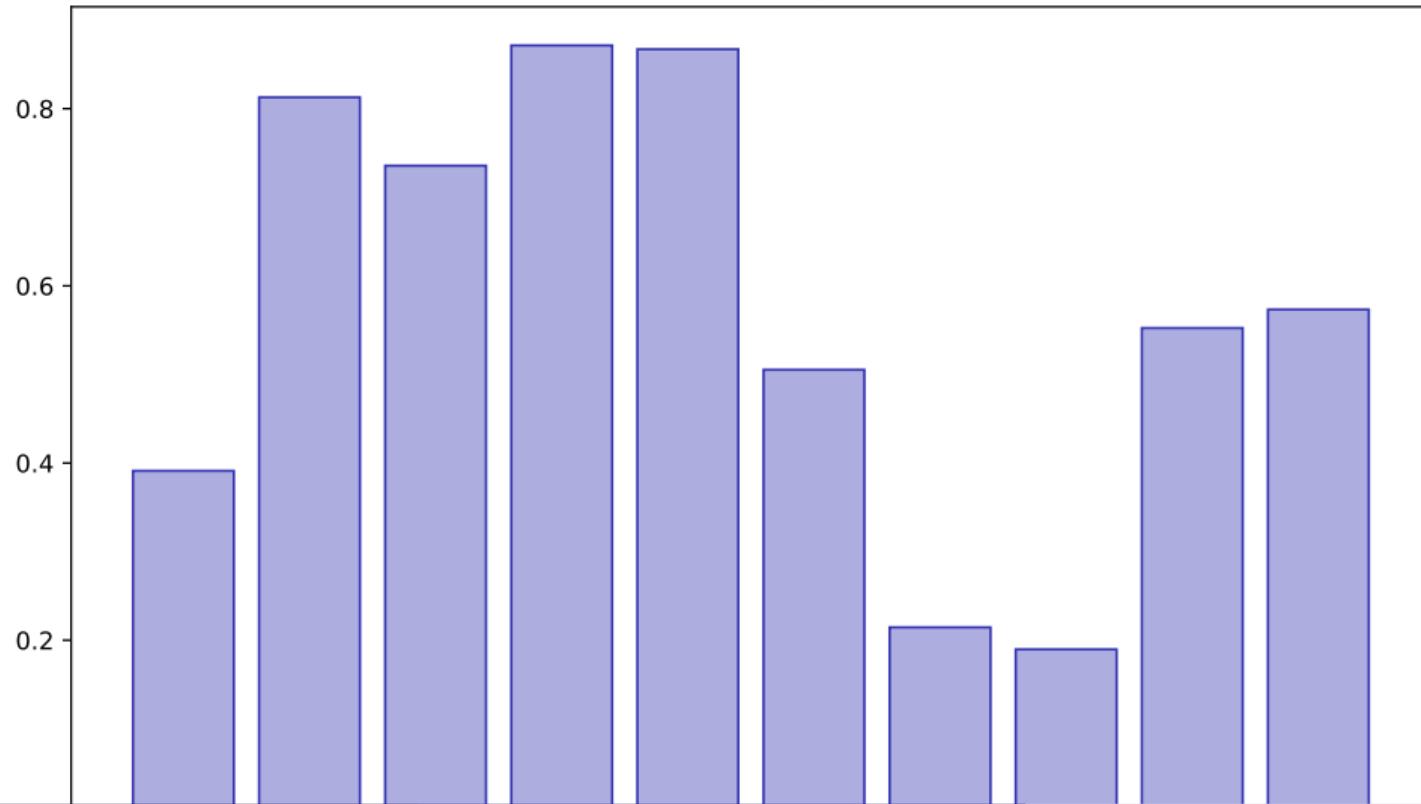
Streamlit Cloud



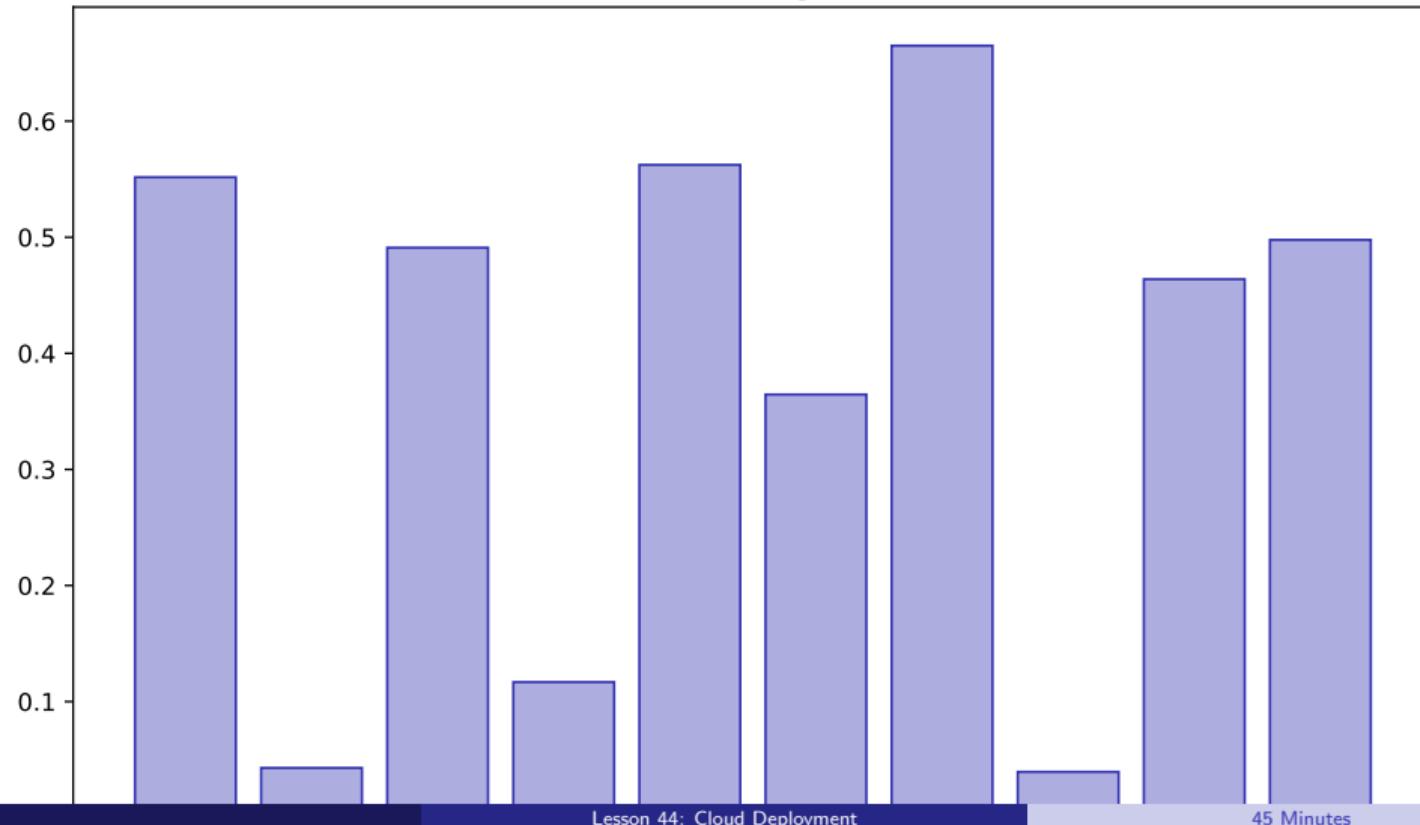
Requirements Txt



Secrets Management



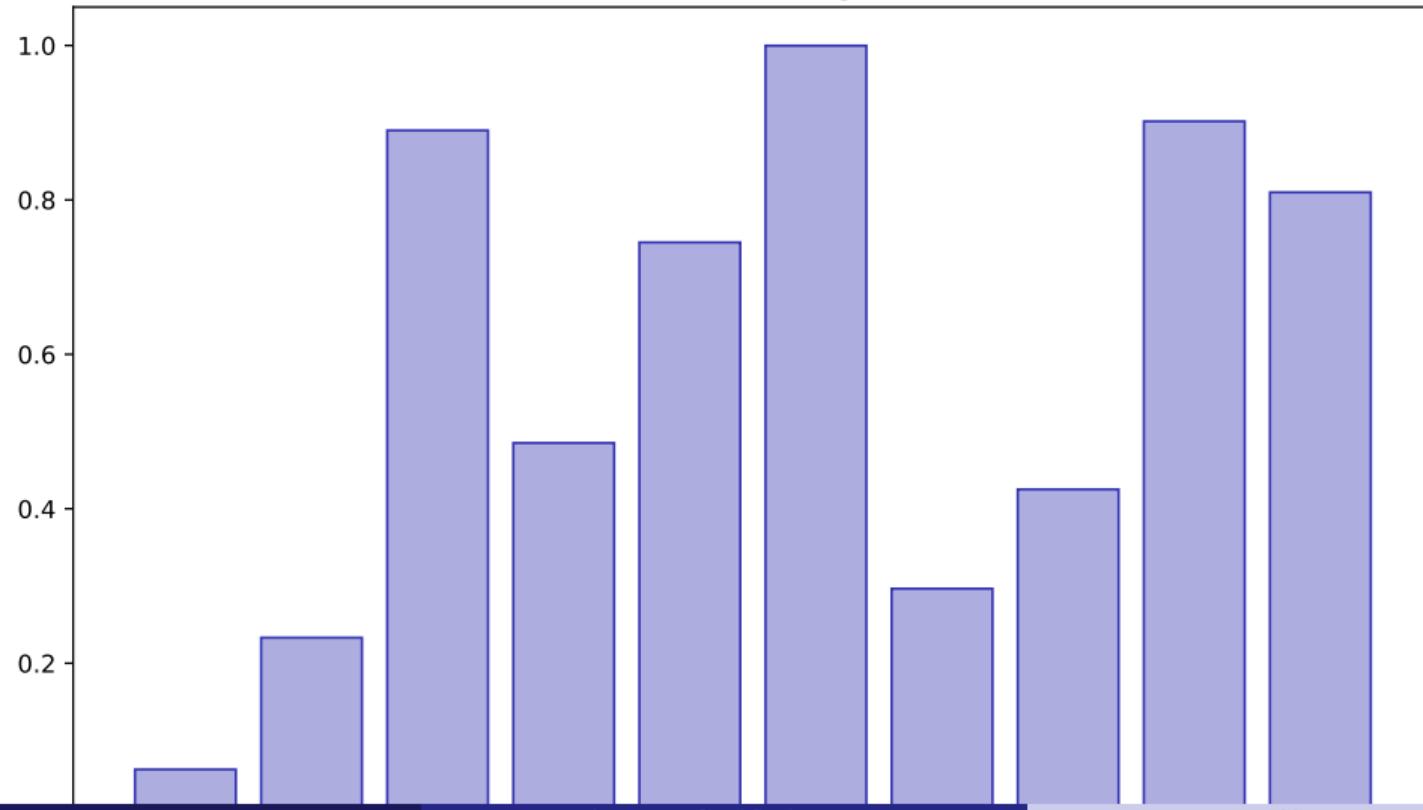
Github Integration



Deployment Workflow



Monitoring



Live Deployment



Lesson Summary

Key Takeaways:

- Deploy to Streamlit Cloud
- Configure requirements
- Manage secrets
- Monitor applications

Apply these skills in your final project