

Lesson 47: ML Ethics in Finance

Data Science with Python – BSc Course

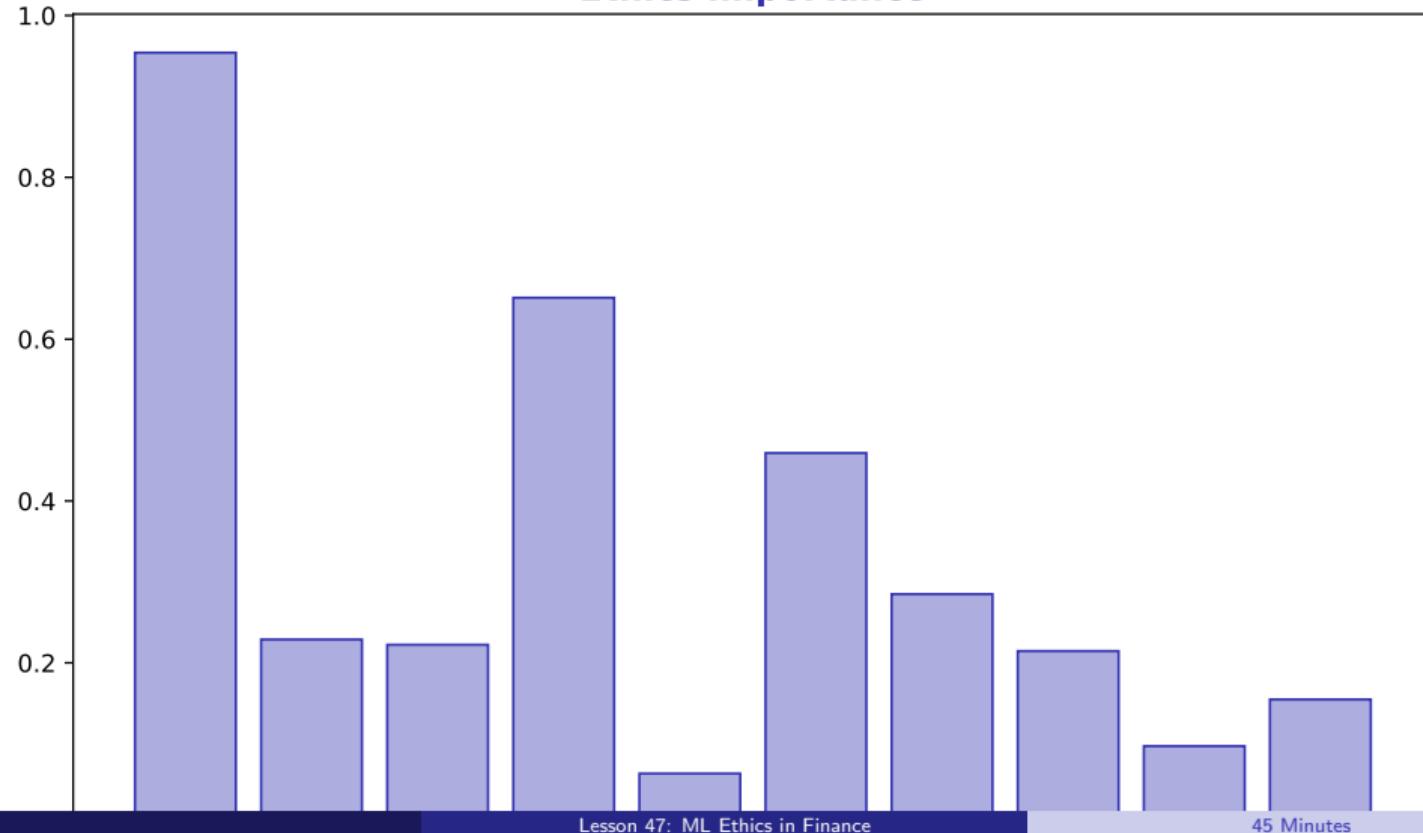
45 Minutes

After this lesson, you will be able to:

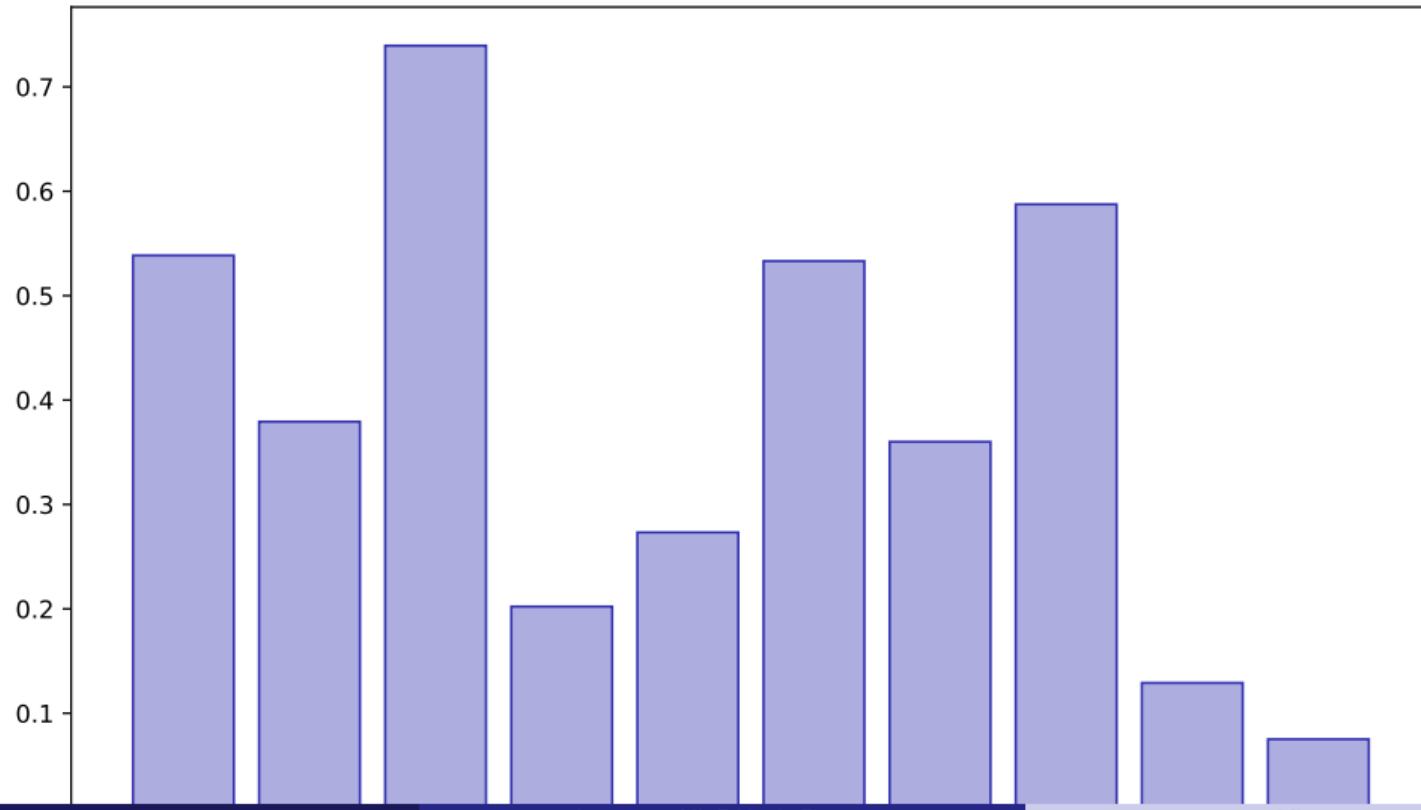
- Identify bias in models
- Ensure explainability
- Consider fairness
- Follow regulations

Building towards your final project

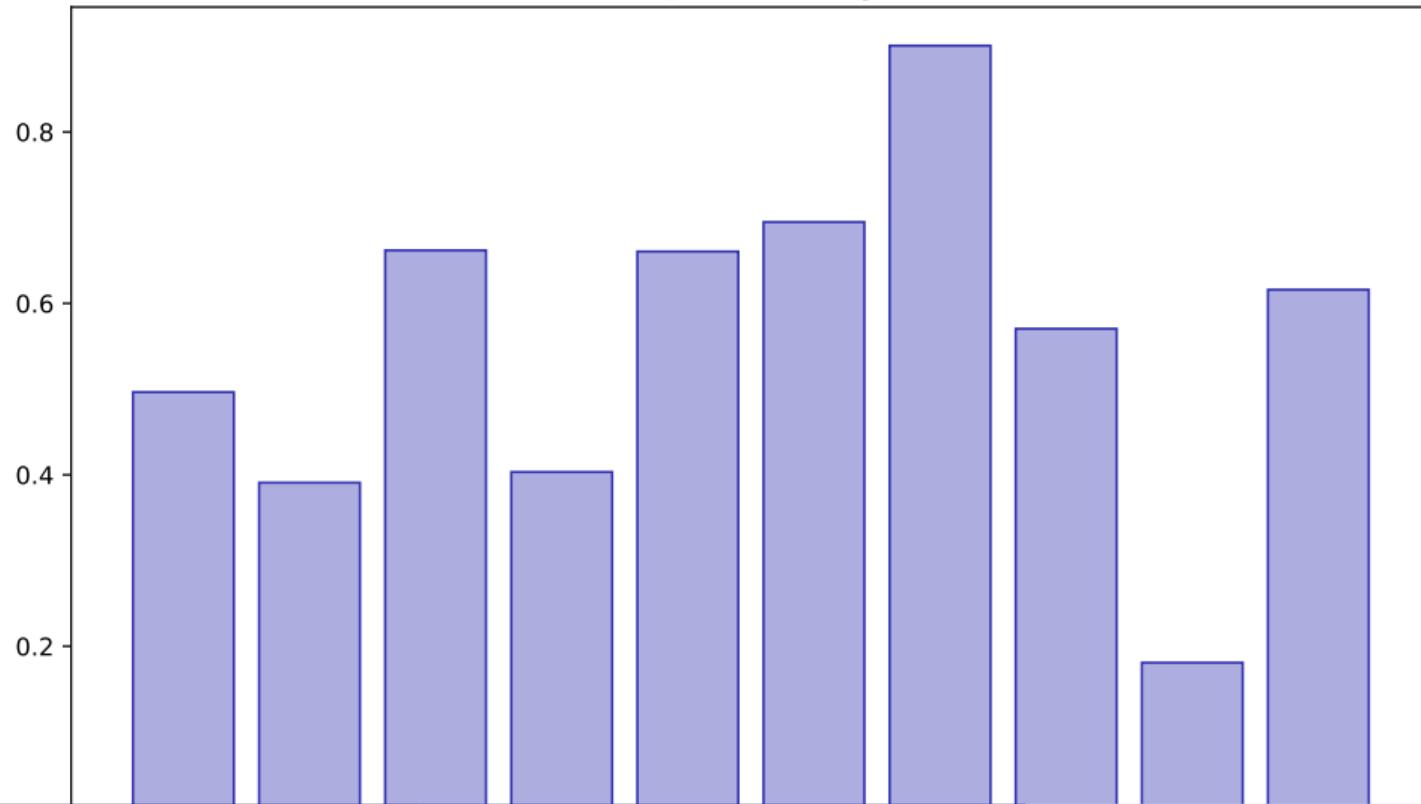
Ethics Importance



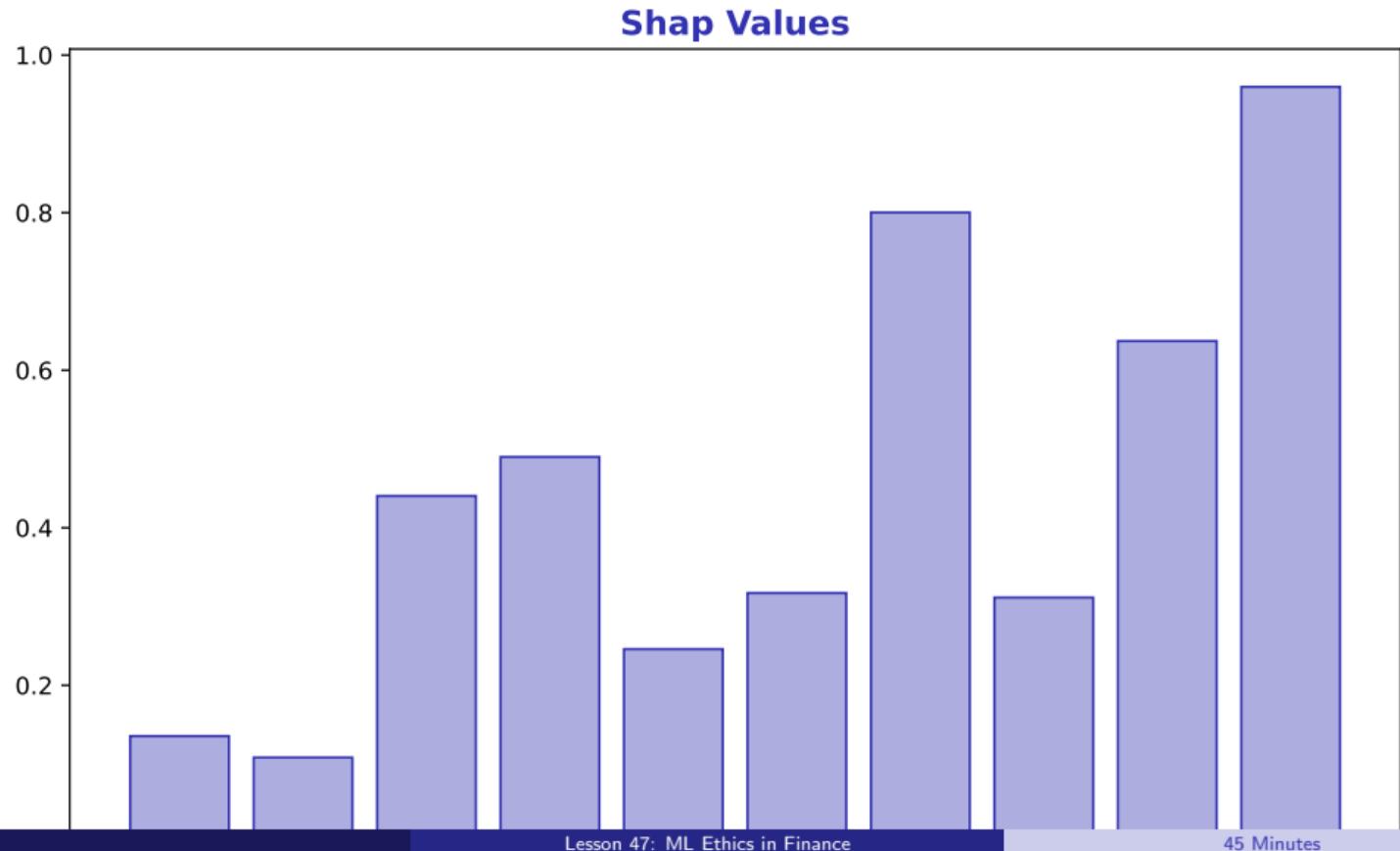
Bias Sources



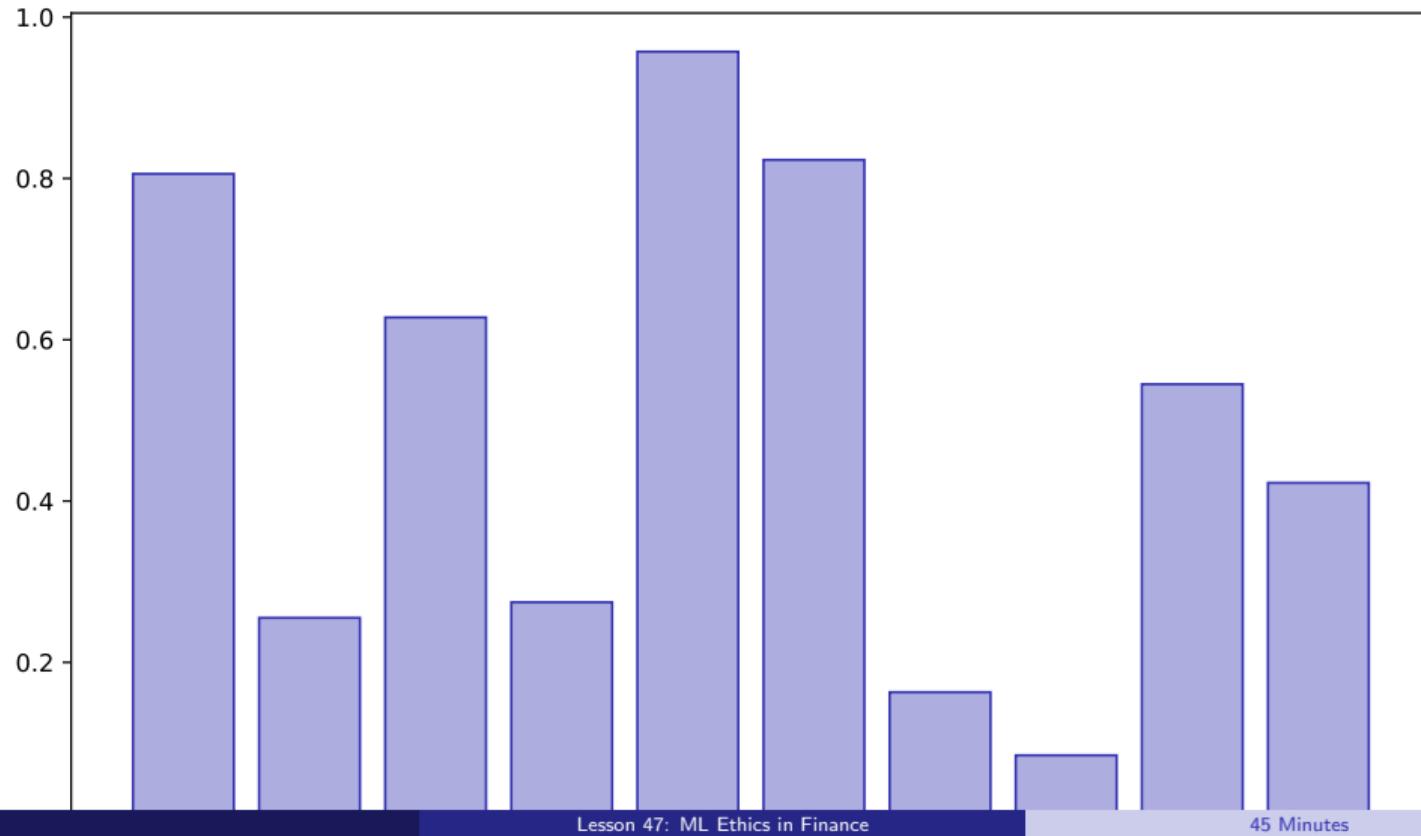
Explainability



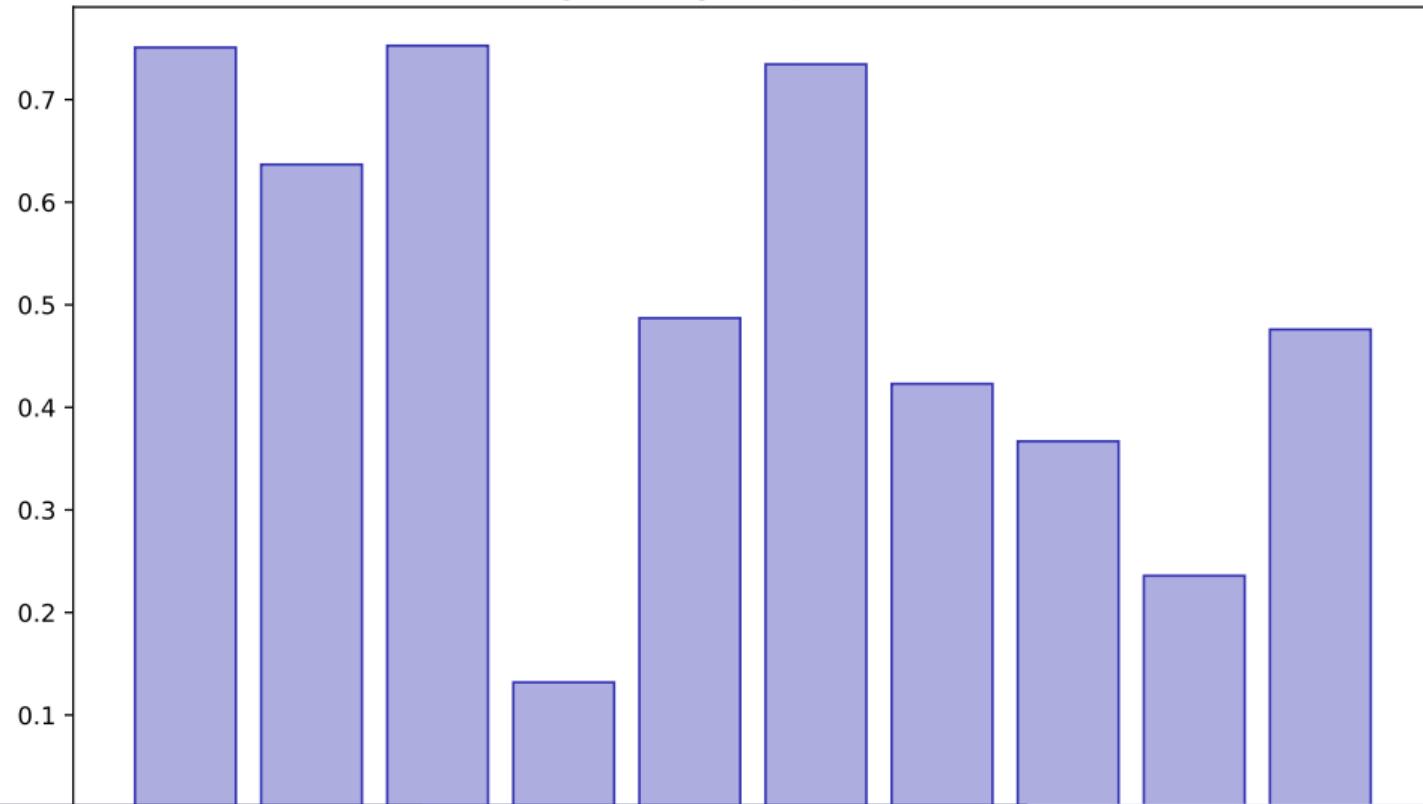
Shap Values



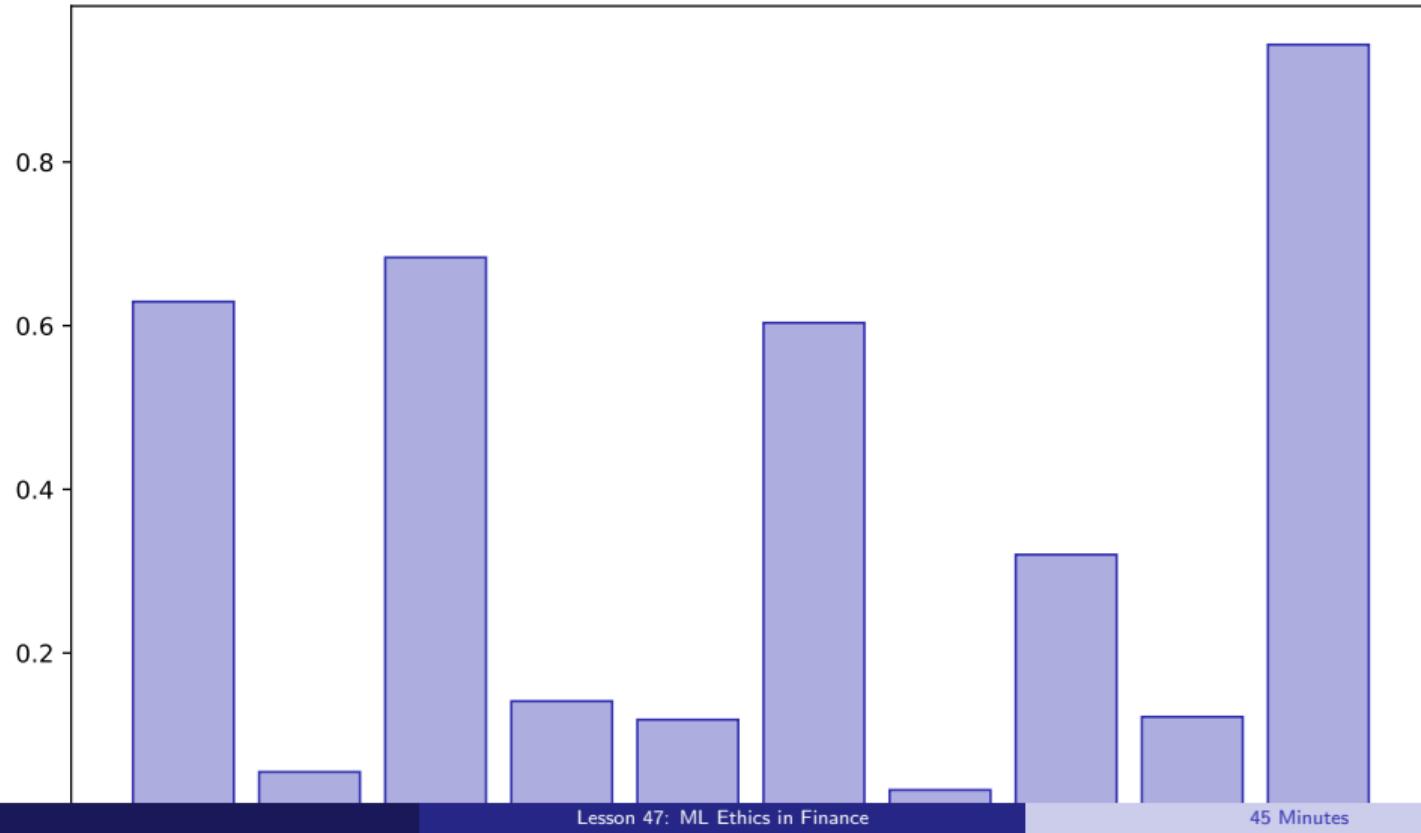
Fairness Metrics



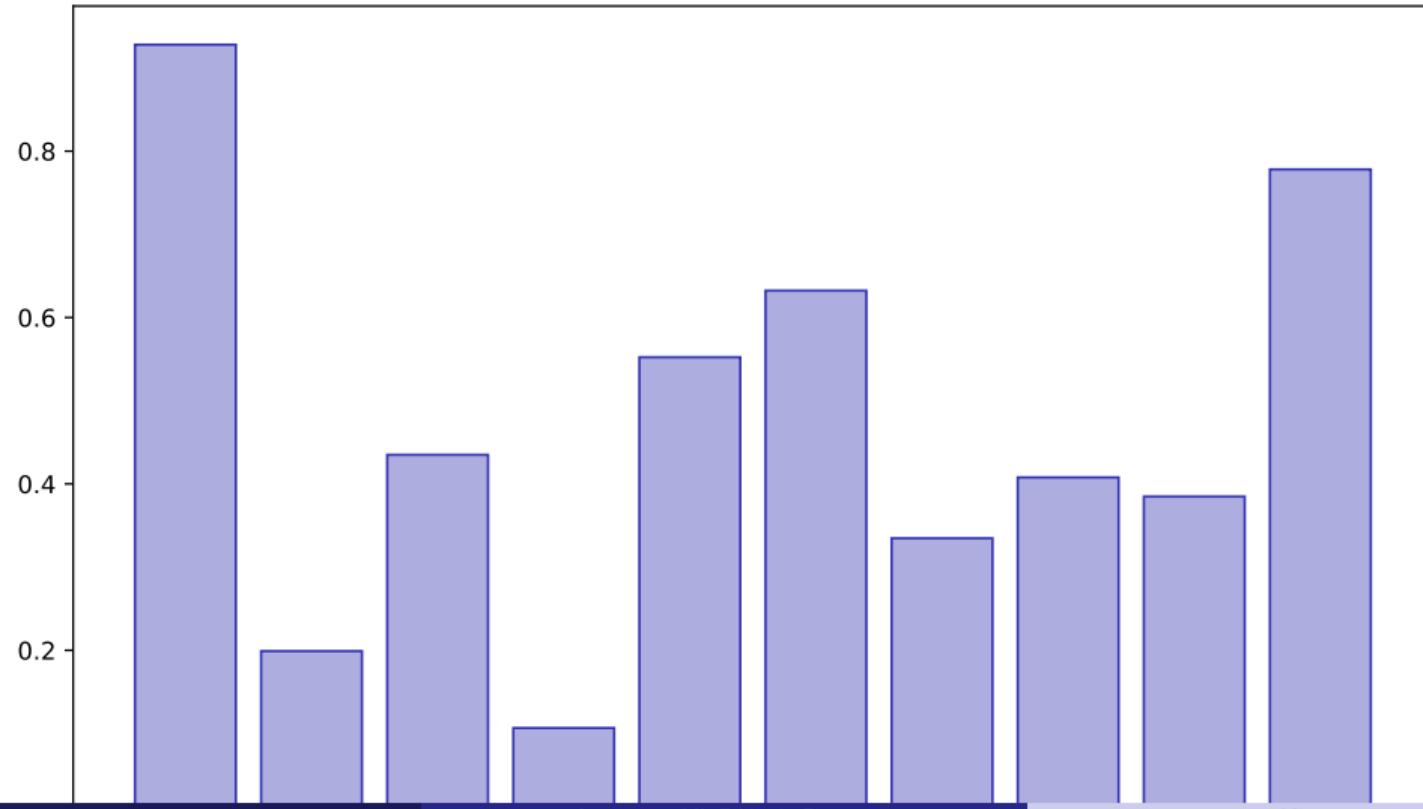
Regulatory Requirements



Responsible Ai



Finance Ethics



Lesson Summary

Key Takeaways:

- Identify bias in models
- Ensure explainability
- Consider fairness
- Follow regulations

Apply these skills in your final project