

## Lesson 26: Decision Trees

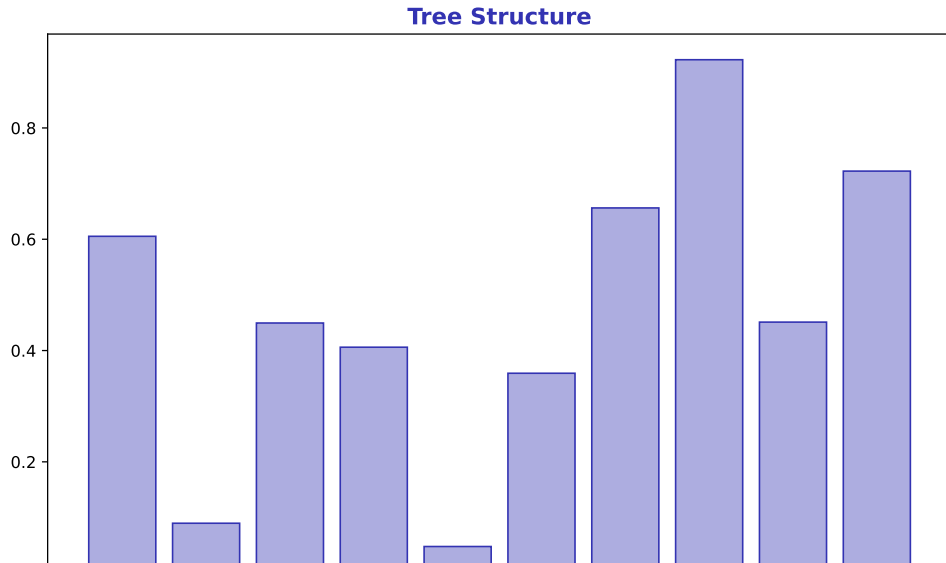
Data Science with Python – BSc Course

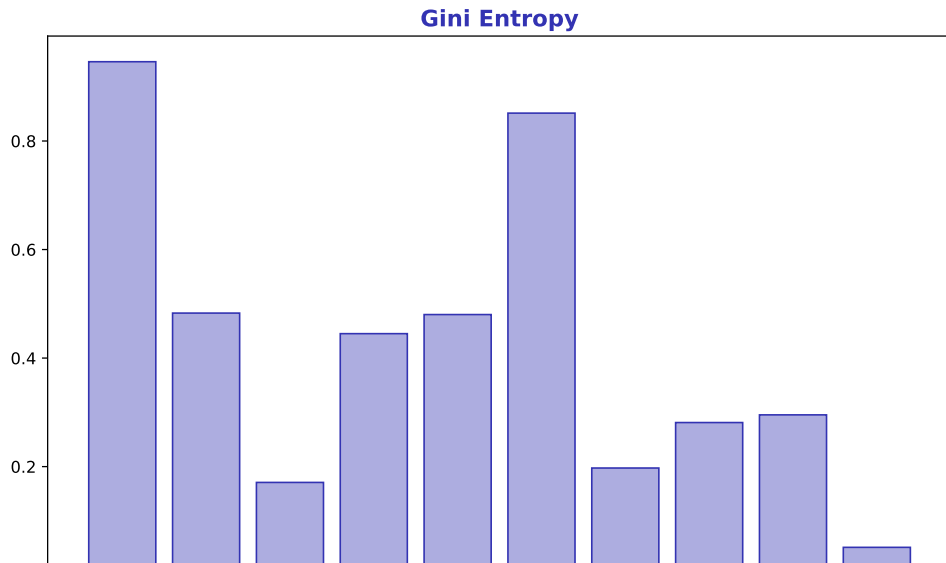
45 Minutes

**After this lesson, you will be able to:**

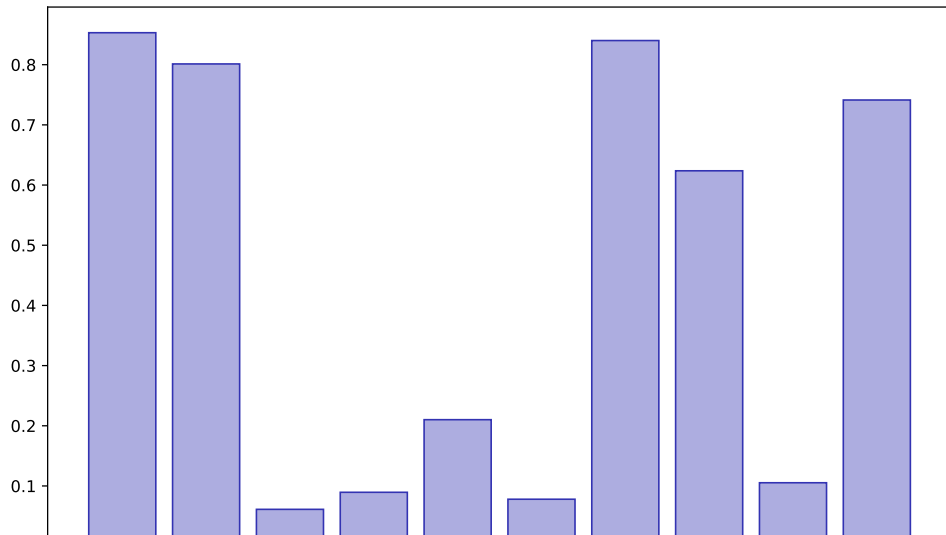
- Build decision tree classifiers
- Understand splitting criteria
- Apply Random Forest ensemble
- Interpret feature importance

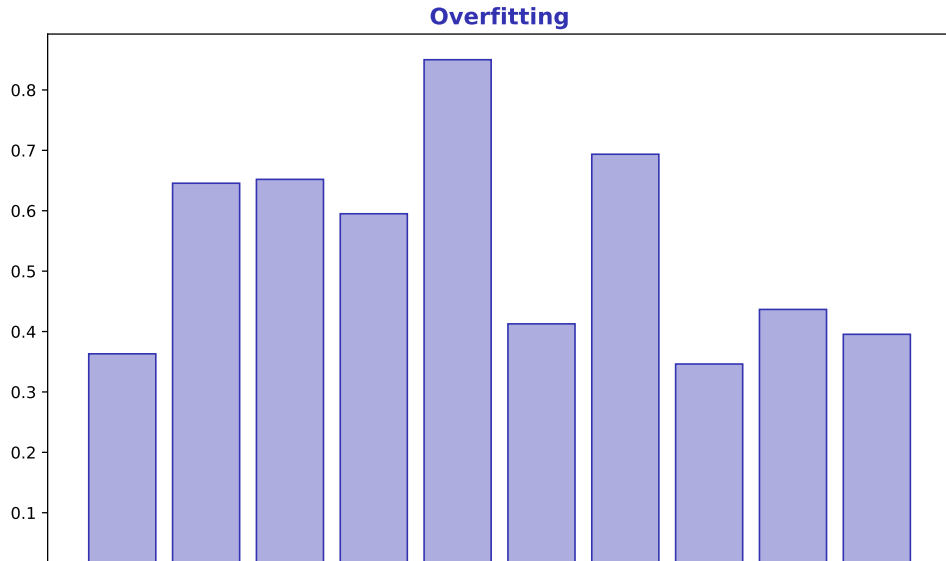
**Building towards your final project**

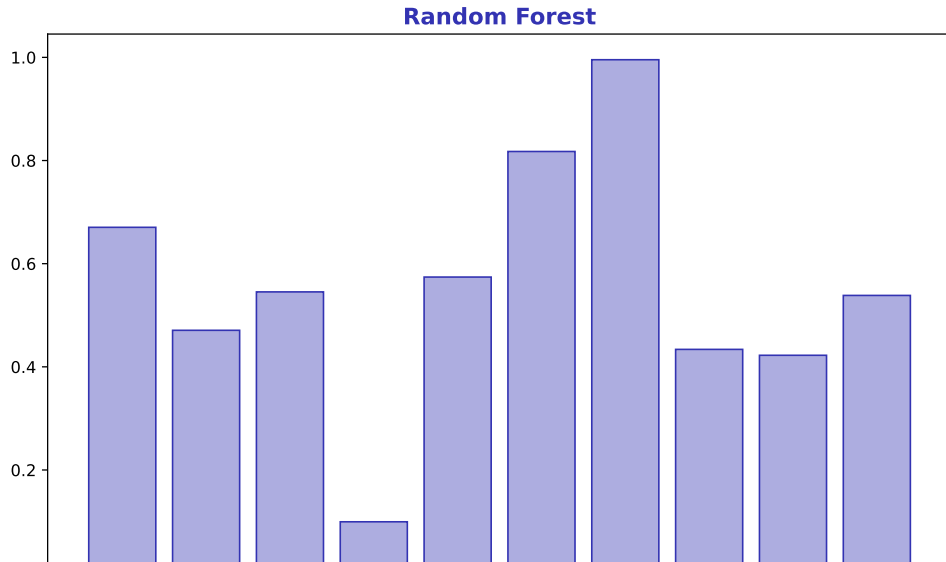


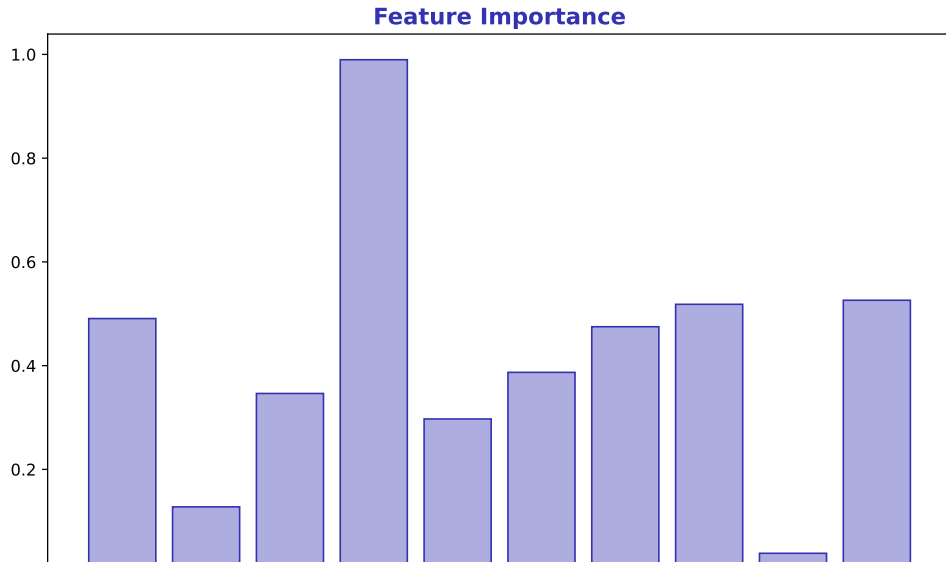


## Tree Sklearn

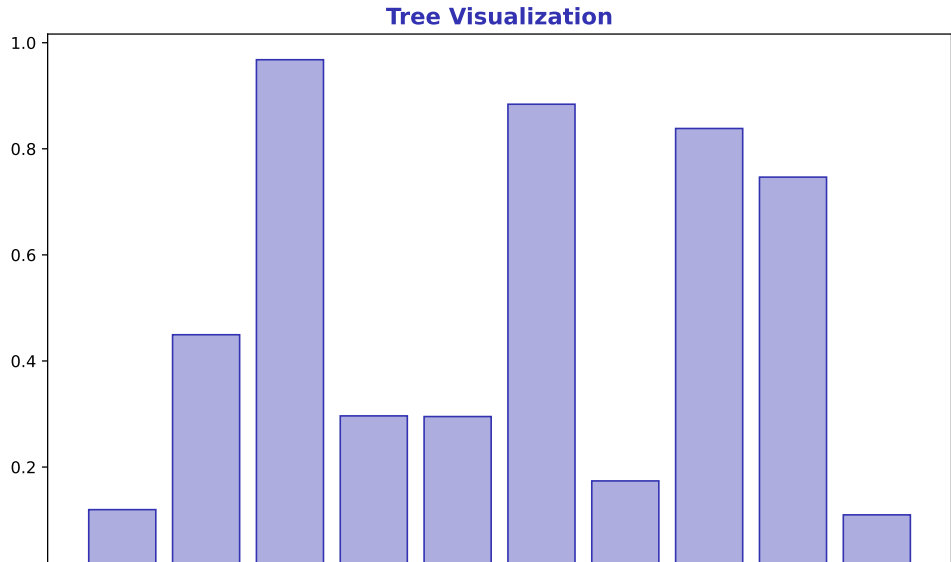




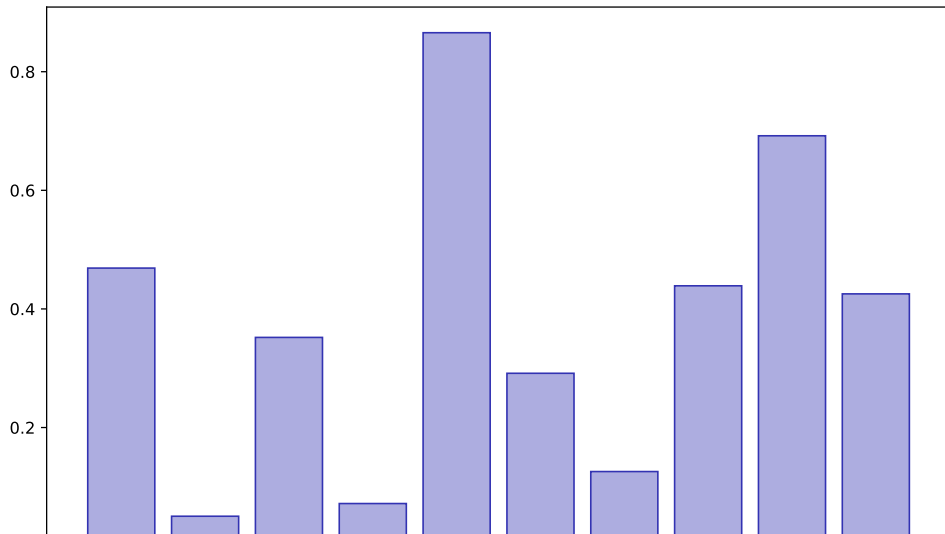








## Finance Trees



## Key Takeaways:

- Build decision tree classifiers
- Understand splitting criteria
- Apply Random Forest ensemble
- Interpret feature importance

Apply these skills in your final project