

## Lesson 30: Hierarchical Clustering

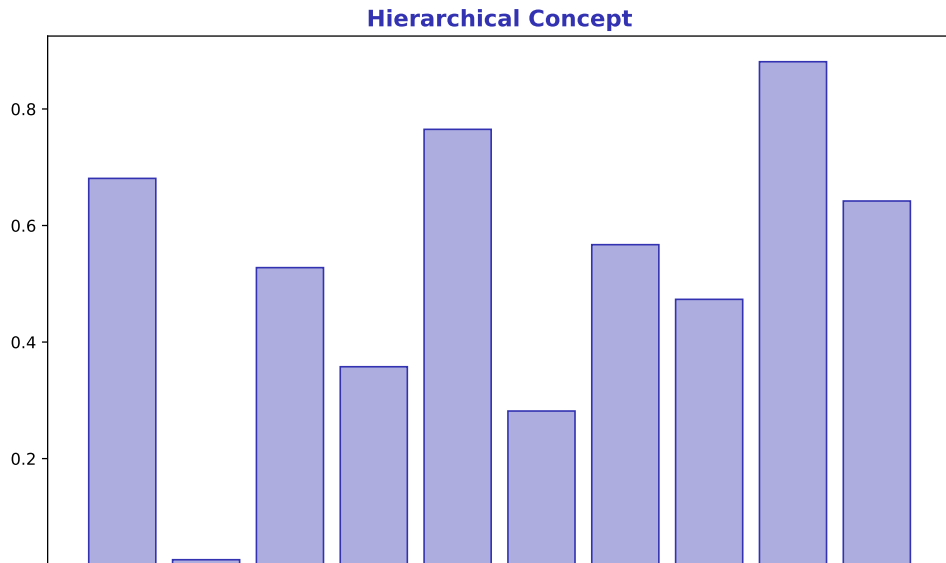
Data Science with Python – BSc Course

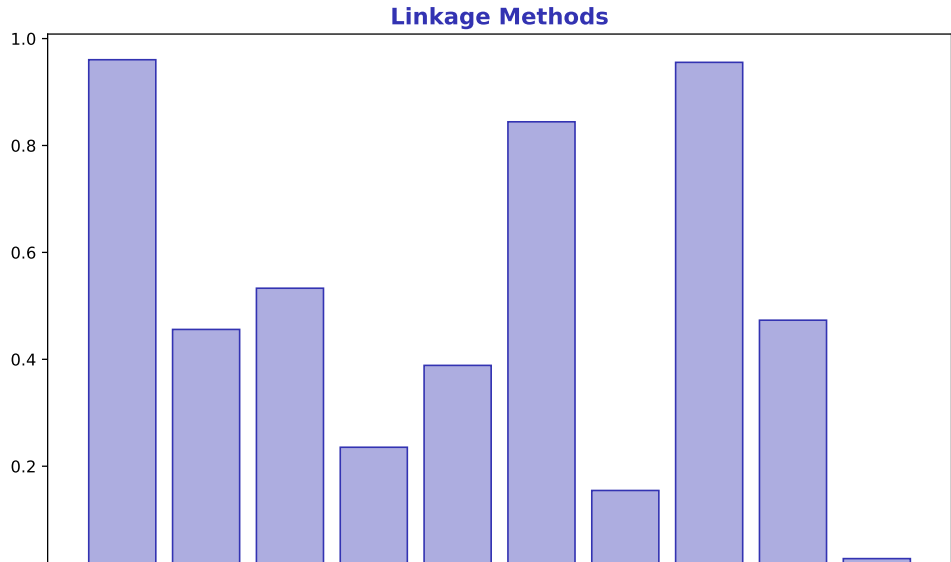
45 Minutes

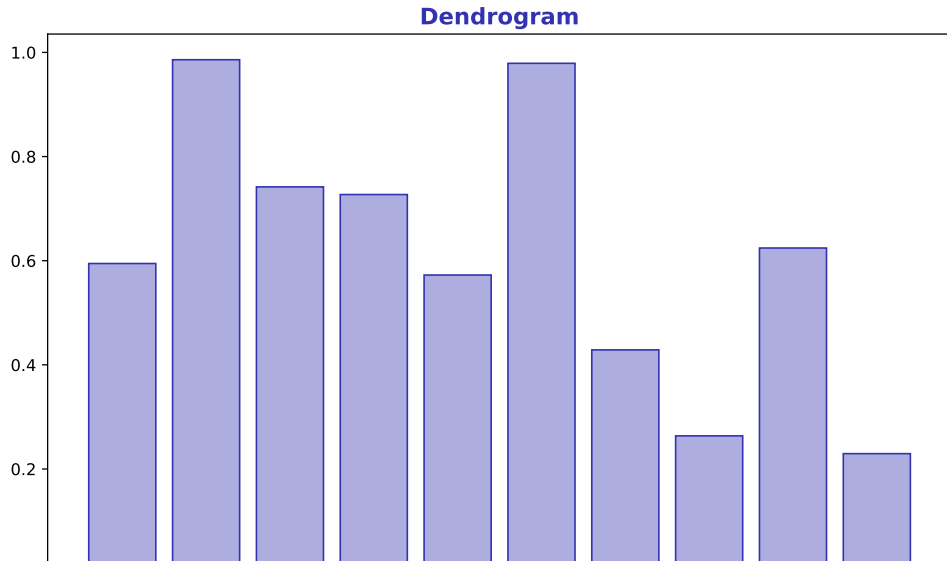
**After this lesson, you will be able to:**

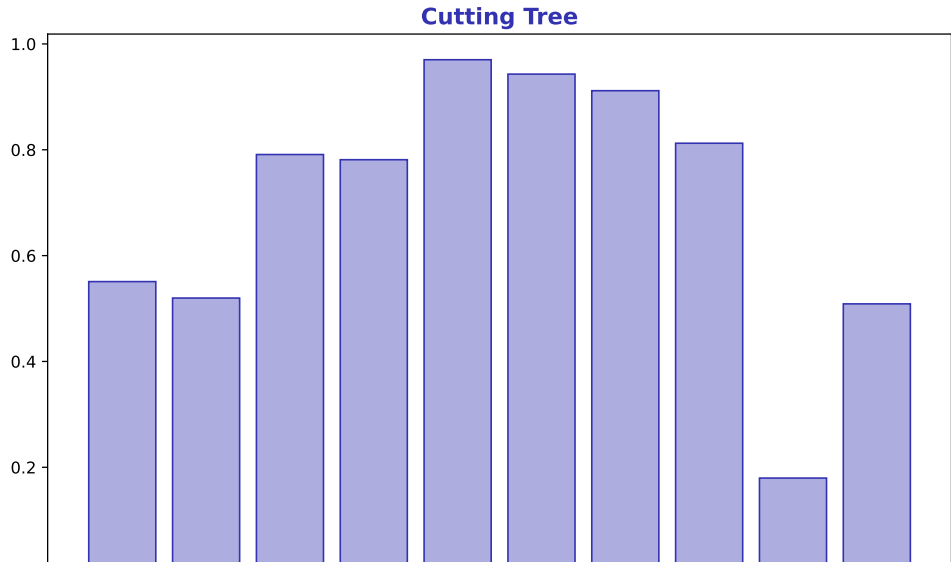
- Build dendrograms
- Choose linkage methods
- Cut dendrograms for clusters
- Apply to portfolio construction

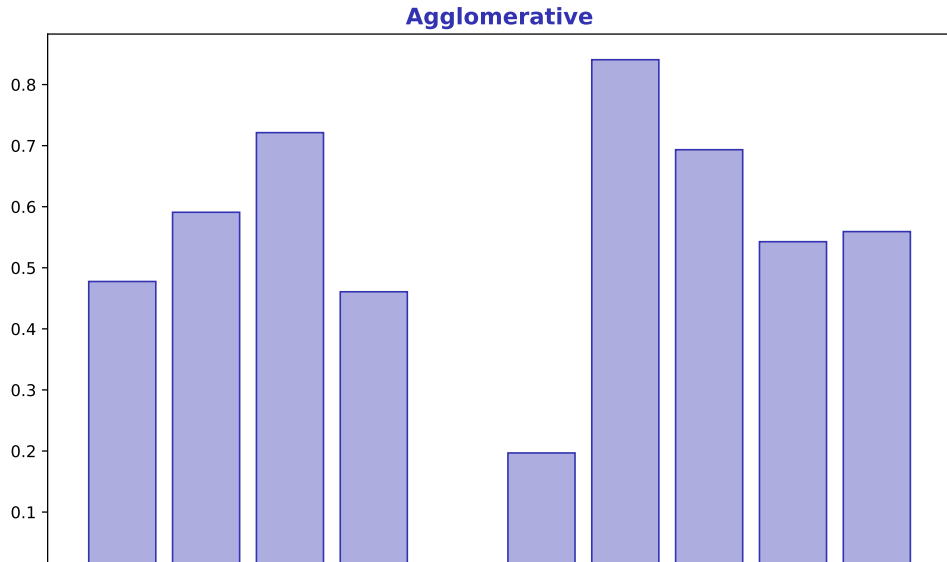
**Building towards your final project**



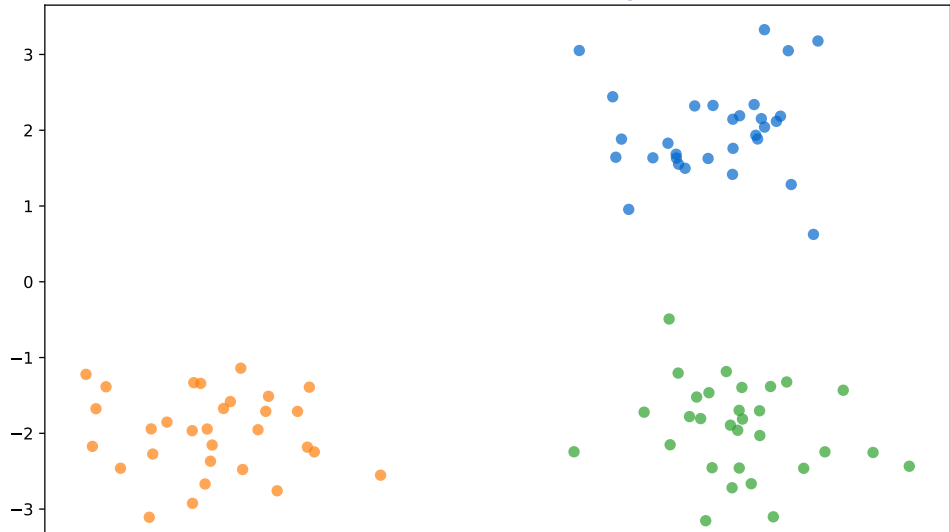




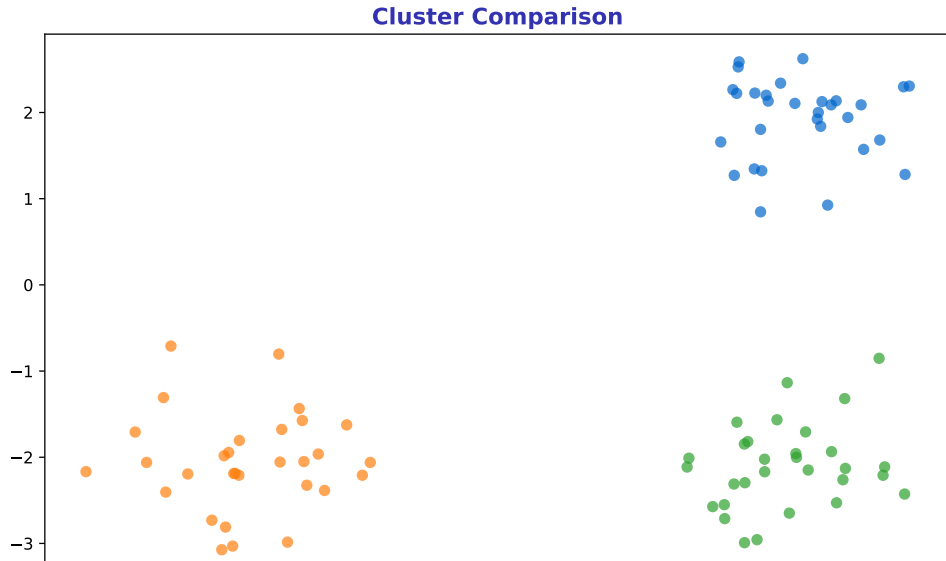




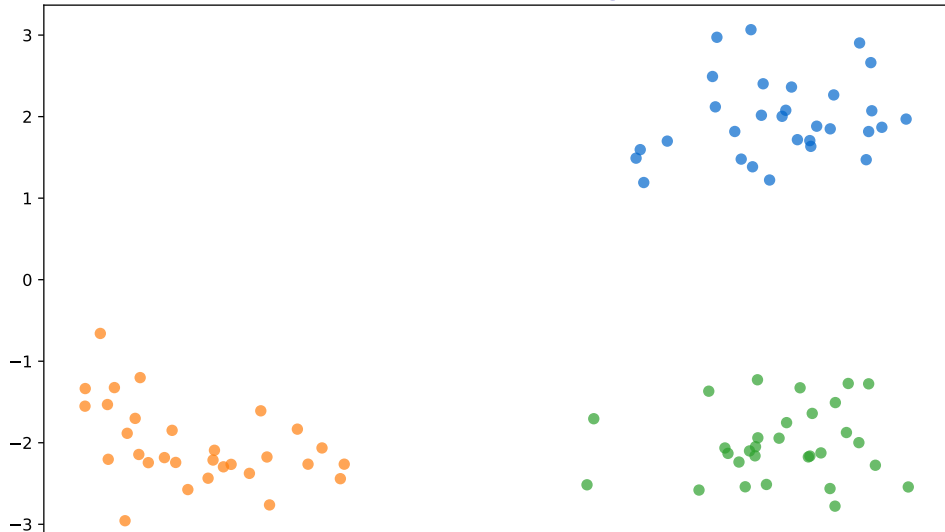
## Correlation Clustering







## Portfolio Clustering



## Key Takeaways:

- Build dendrograms
- Choose linkage methods
- Cut dendrograms for clusters
- Apply to portfolio construction

Apply these skills in your final project