Lesson 34: MLPs and Activations
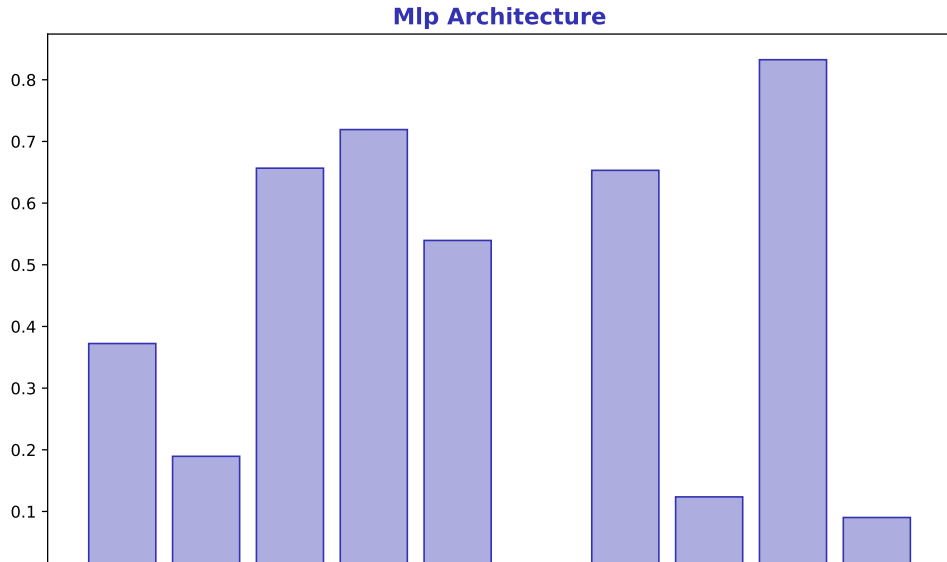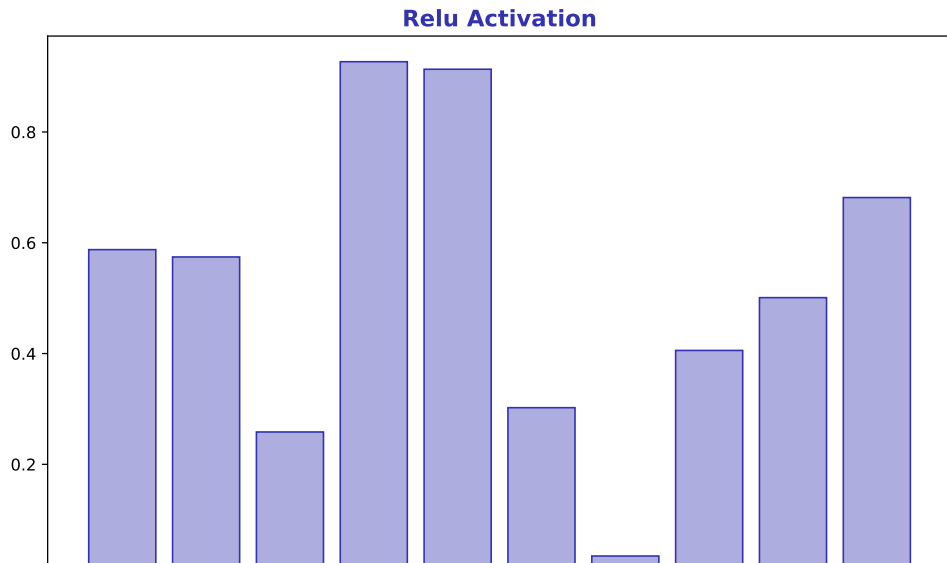### Data Science with Python – BSc Course
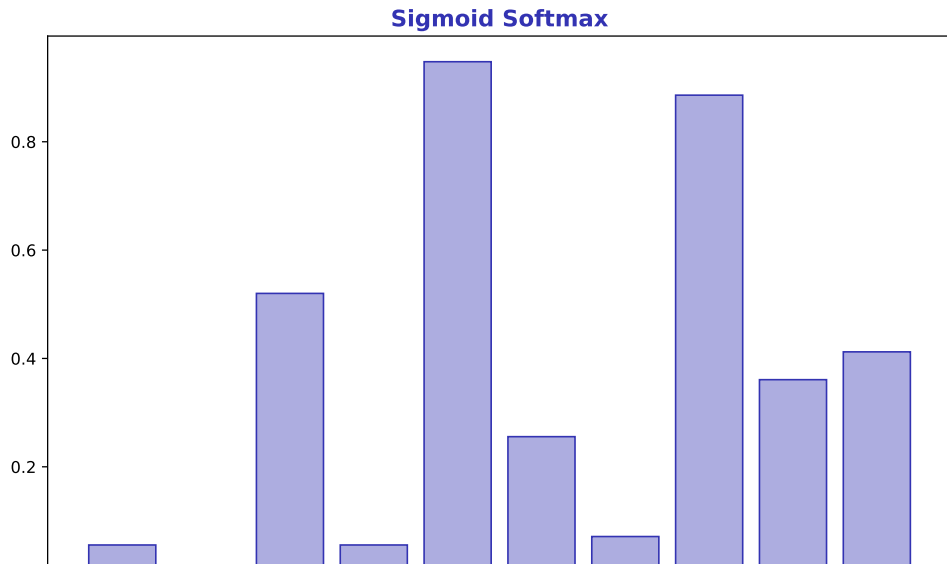
45 Minutes

Learning Objectives

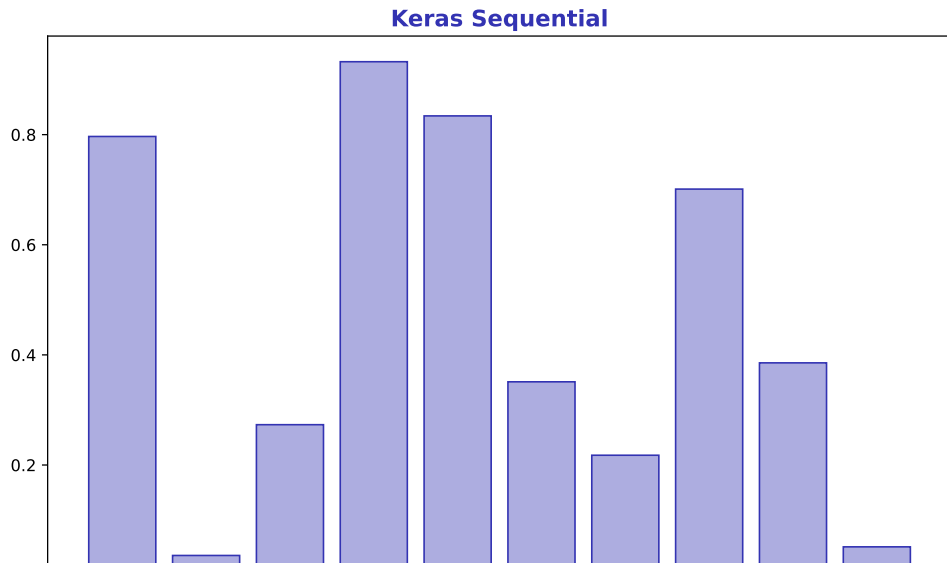**After this lesson, you will be able to:**

- Design MLP architectures
- Choose activation functions
- Build models with Keras
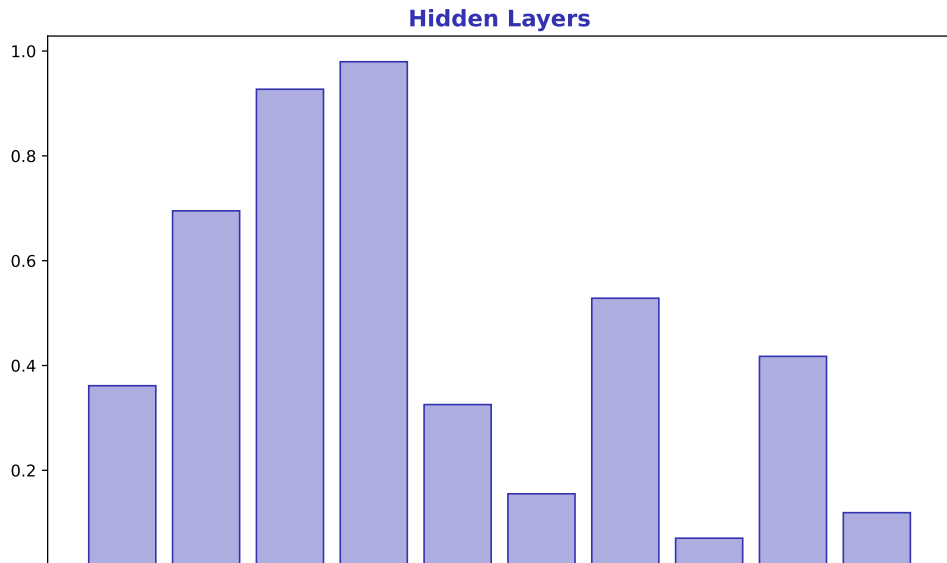- Apply to non-linear problems

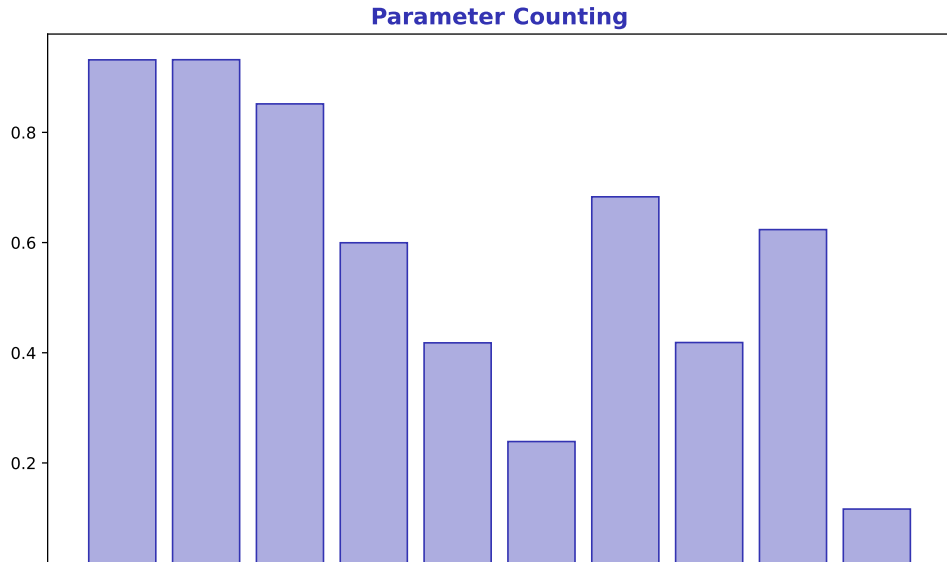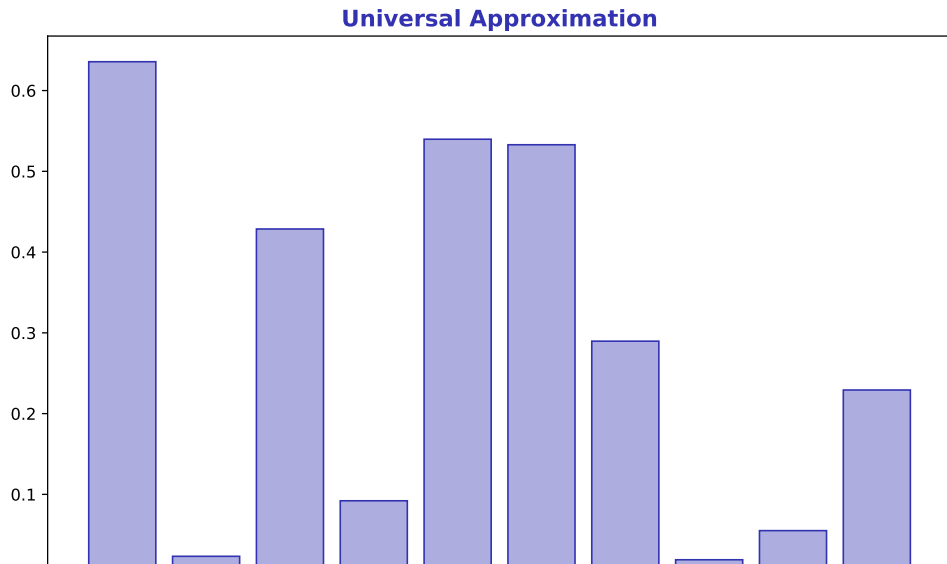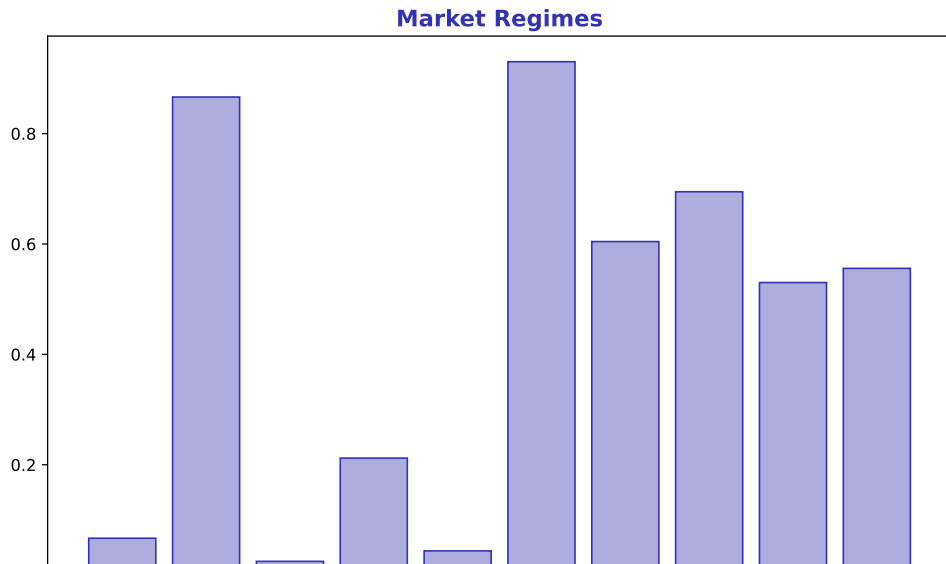**Building towards your final project**

Mlp Architecture

Relu Activation

Sigmoid Softmax

Keras Sequential

Hidden Layers

Parameter Counting

Universal Approximation

Market Regimes

Lesson Summary

Key Takeaways:

- Design MLP architectures
- Choose activation functions
- Build models with Keras
- Apply to non-linear problems

Apply these skills in your final project