

## Lesson 21: Linear Regression

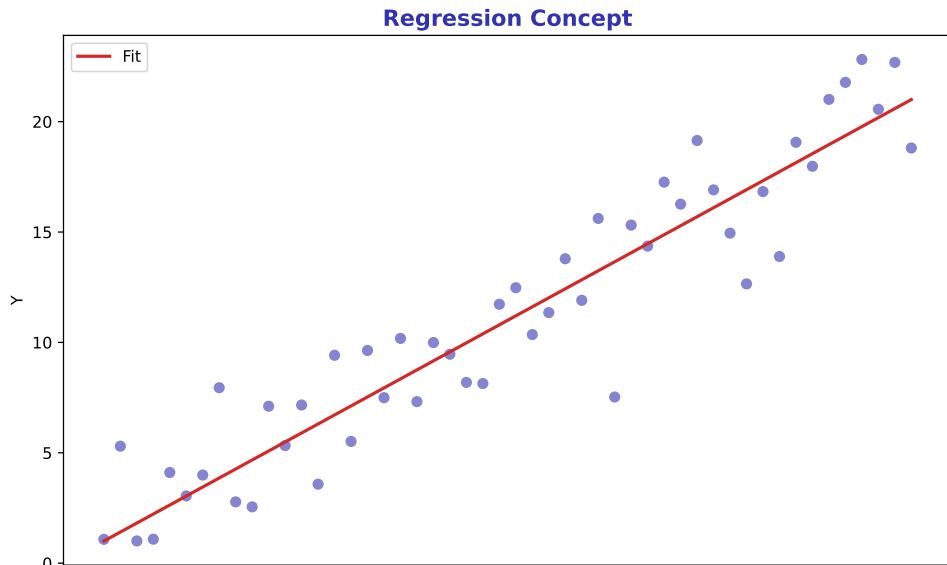
Data Science with Python – BSc Course

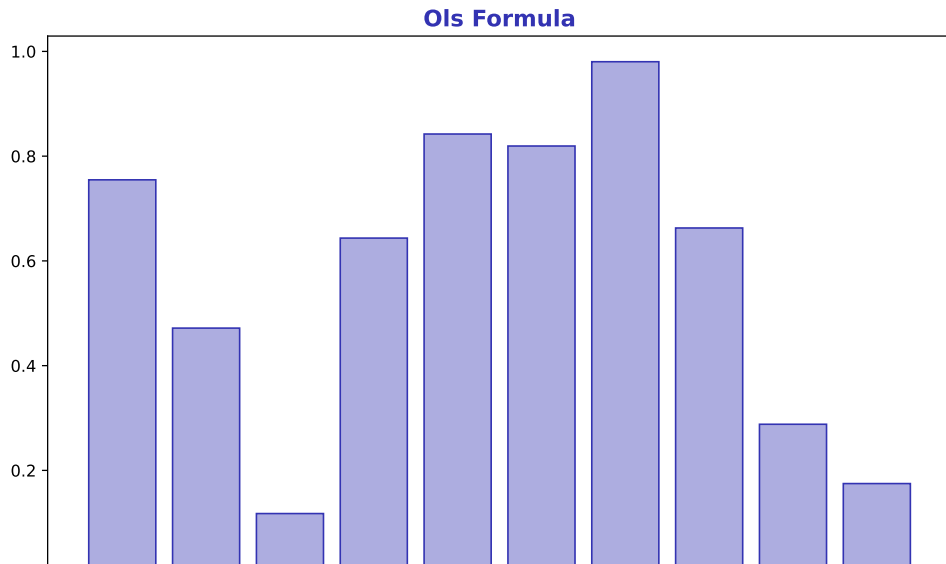
45 Minutes

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

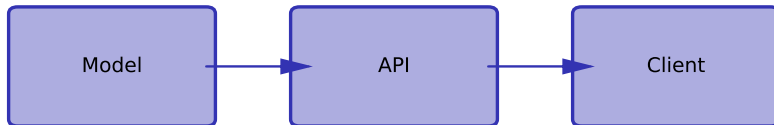
- Understand OLS estimation
- Fit linear models with sklearn
- Interpret coefficients
- Apply to stock price prediction

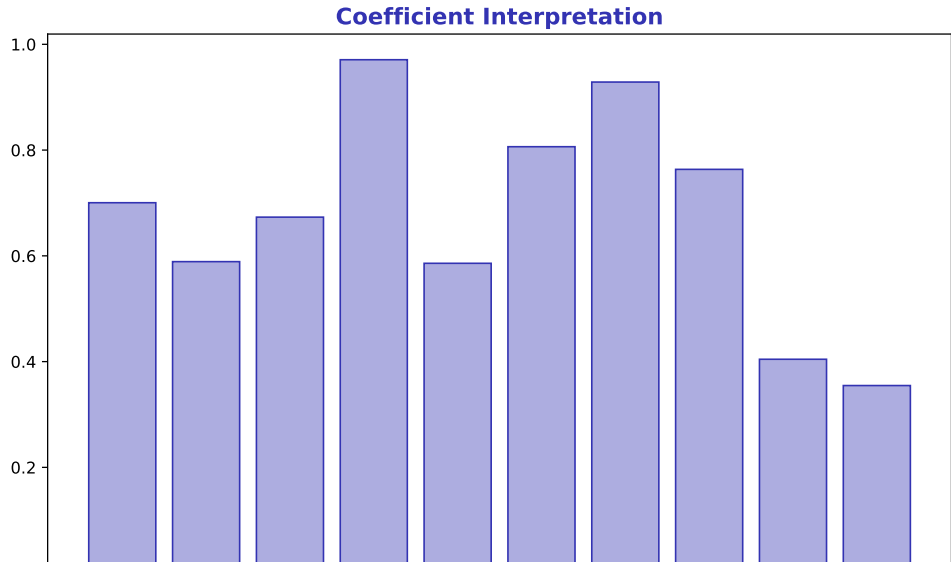
**Building towards your final project**

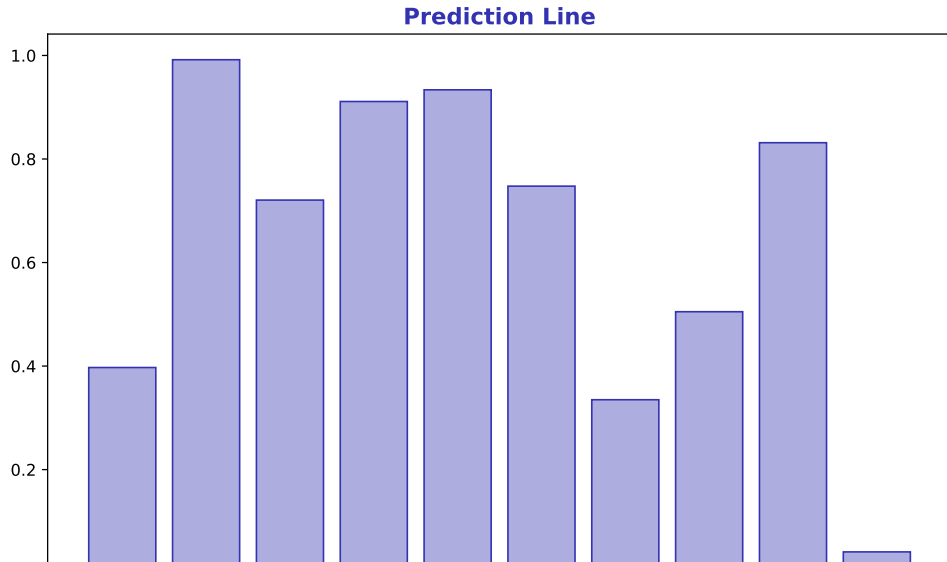


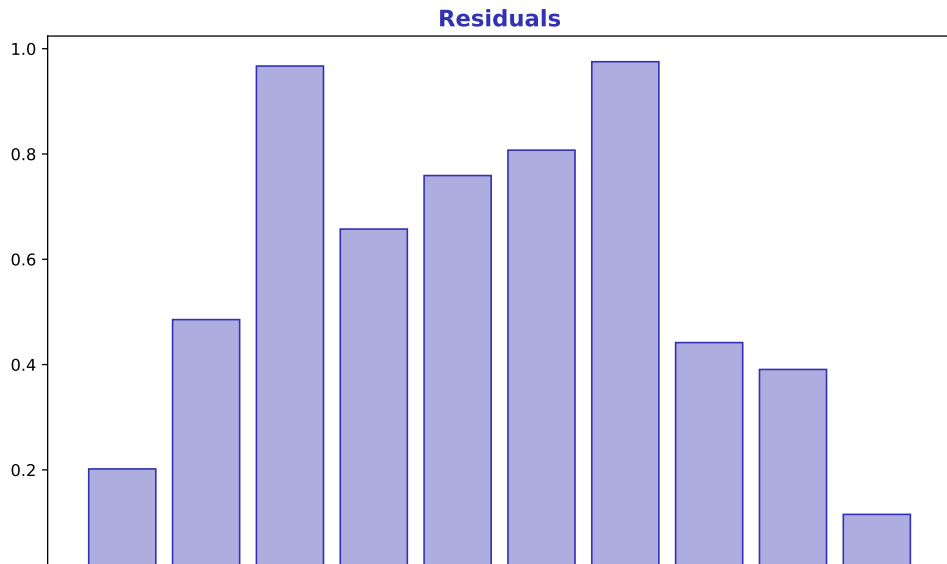


## Sklearn Api

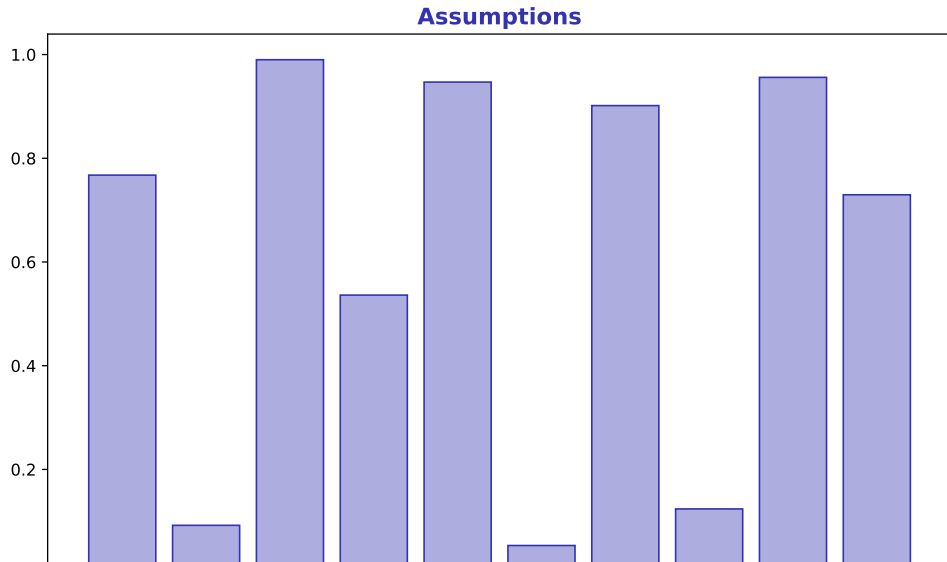


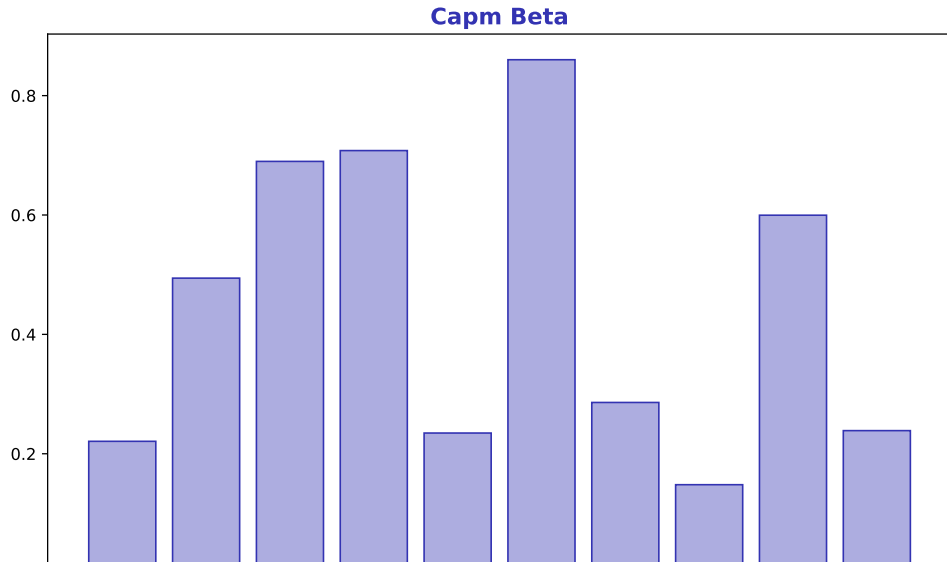












## Key Takeaways:

- Understand OLS estimation
- Fit linear models with sklearn
- Interpret coefficients
- Apply to stock price prediction

**Apply these skills in your final project**