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Lesson 15:
Multiple Linear Regression

SEARCH

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RESOURCES

CONCEPTS

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17. Screencast: Multicollinearity & ...

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18. Video: Multicollinearity & VIFs

✓

19. Notebook + Quiz: Multicollinea...

✓

20. Video: Higher Order Terms

✓

21. Text: Higher Order Terms

✓

22. Screencast: How to Add Highe...

✓

23. Video: Interpreting Interactions

✓

24. Text: Interpreting Interactions

✓

25. Notebook + Quiz: Interpreting ...

✓

26. Video: Recap

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27. Text: Recap

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Text: Recap

Recap

1. You learned how to build a multiple linear regression model in Python, w
similar to what you did in the last lesson on simple linear regression.

2. You learned how to encode dummy variables, and interpret the coefficient

3. You learned about higher order terms, and how this impacts your ability t

4. You learned how to identify what it would mean for an interaction to be n
linear regression model, as well as how to identify other higher order terr
make interpreting coefficients directly less of a priority, and move your m
rather, aims to predict better at the expense of interpretation.

5. You learned about the model assumptions, and we took a closer look at n
learned about variance inflation factors, and how multicollinearity impact
and standard errors.

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Mentor Help

Ask a mentor on our Q&A platform

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Peer Chat 3

Chat with peers and alumni