Deadline: You must submit this week's assignments by **February 4, 2018, 11:59 PM PST**.   ❓

About Linear Regression and Modeling

Course Overview

[▶]   Introduction to Statistics with R   2 min

[📄]   About Statistics with R Specialization   10 min

[📖]   More about Linear Regression and Modeling   10 min

    Start Lesson

Linear Regression

Relationship between two numerical variables

[📖]   Lesson Learning Objectives   10 min

[▶]   Introduction   58 sec

[▶]   Correlation   9 min

[▶]   Residuals   1 min

[▶]   Least Squares Line   11 min

    Start Lesson

Linear regression with one predictor

📄 Lesson Learning Objectives   10 min

▶ Prediction and Extrapolation   3 min

▶ Conditions for Linear Regression   10 min

▶ R Squared   4 min

▶ Regression with Categorical Explanatory Variables   5 min

Strengthen Your Understanding

📄 Week 1 Suggested Readings and Practice   10 min

⭐ **Practice Quiz:**
Week 1 Practice Quiz   4 questions

⭐ **Quiz:**
Week 1 Quiz   9 questions

Upcoming session:

January 29 - March 4

Enrollment ends February 3