

# Introduction to Data Science - North Salem High School

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Unit	Modeling in Data Science
Lesson	<b>Topic:</b> Linear Regression Practice <b>Content:</b> Linear Regression
Learning Target(s)	I am able to use R to confidently create a linear regression to analyze a dataset and situation.
Standard(s)	9-12.CT.1 Computational Thinking, Modeling and Simulation 9-12.CT.2 Computational Thinking, Data Analysis and Visualization 9-12.CT.3 Computational Thinking, Data Analysis and Visualization
Accompanying Documents	Lesson Slides <a href="#">Lab Activity</a>
Homework	None!

Lesson Plan	
Warm Up	5 mins
What is the conceptual meaning of $R^2$ ?	
Lesson Body	30 mins
<b>Lab Activity:</b> Students will complete a lab on linear regression using the milt dataset. This lab will be done in pairs so that both students have the opportunity to write code, but also have a partner to bounce ideas off of.	
Exit Ticket	5 mins
Describe a scenario in which you would NOT want to use linear regression.	