

# Course Overview - Lessons

## Class Sessions

<b>Unit 1</b> Research Design and Exploratory Data Analysis	1. What is Data Science?	2. Research Design and Pandas
	3. Statistics Fundamentals I	4. Statistics Fundamentals II
<b>Unit 2</b> Foundations of Modeling	5. Flexible Class Session	6. Intro to Linear Regression
	7. Evaluating Model Fit	8. Intro to Classification
	9. Intro to Logistic Regression	10. Communicating the results from Logistic Regression
<b>Unit 3</b> Data Science in the Real World	11. Flexible Class Session	12. Decision Trees/ Random Forest
	13. NLP with Classification	14. Dimensionality Reduction
	15. Time Series Data	16. Models with Time Series Data
	17. The Value of Databases	18. Next Steps with Data Science
	19. Flexible Class Session	20. Final Presentations



# Course Overview - Projects

Research Design and EDA		Foundation of Data Modeling			Data Science in the Real World				
1	2	3	4	5	6	7	8	9	10
									
									

