

# Machine Learning Fundamentals

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June 19, 2019

- 1 Introduction and Course Information
- 2 Week 1: Prediction Problems
- 3 Week 2: Generative Modeling I
- 4 Week 3: Generative Modeling II
- 5 Week 4: Linear Regression and Probability Estimation
- 6 Week 5: Optimization and Geometry
- 7 Week 6: Linear Classification
- 8 Week 7: Combining Simple Classifiers
- 9 Week 8: Representation Learning I
- 10 Week 9: Representation Learning II
- 11 Week 10: Deep Learning
- 12 Final Exam