19: Course Summary

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Summary of course topics

- Supervised learning labeled data
 - Linear regression
 - Logistic regression
 - Neural networks
 - Support vector machines
- Unsupervised learning unlabeled data
 - K-means
 - PCA
 - Anomaly detection
- Special applications/topics
 - Recommender systems
 - Large scale machine learning
- Advice on building machine learning systems
 - Bias and variance
 - Regularization
 - What to do next when developing a system
 - Algorithm evaluation
 - Learning curves
 - Error analysis
 - Ceiling analysis