19: Course Summary

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