Week 1:

- What is Machine Learning and how does it work
- Numpy Tutorial
- Gradient Descent

Week 2:

- Linear Regression
- Ridge Regression
- Polynomial Regression
- Bias and Variance
- Project: House Price Prediction

Week 3:

- Logistic Regression
- Project: Mail Spam Detection

Week 4:

- K Nearest Neighbors Classification
- K Nearest Neighbors Regression
- K Means Clustering
- Project: Similar Movie Recommender

Week 5:

- Decision Tree Classifier
- Random Forest Classifier
- AdaBoost Classifier
- Gradient Boost Classifier

Week 6:

- Artificial Neural Networks