

| Week | Day | | Date | | | |
|------|-----|---|------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|--|
| | 1 | M | 9 | Intro to Pandas, E(Who are my classmates?), E(Intro to Pandas) | | |
| | 2 | T | 10 | functions, features, targets, machine learning vs machine programming, L1(Superbowls) | | |
| 1 | | W | 11 | | | |
| | 3 | R | 12 | classification vs regression, effects of noise, L2(Iris Data Set), Go over L2 | | |
| | 4 | F | 13 | accuracy vs interpretability, KNN classifier (Tan slides), L3(KNN Classifier), L3 using Sklearn, cardinal sin of machine learning | | |
| | 5 | M | 16 | parametric vs nonparametric methods, E(KNN Classifier for Red Wine), baseline error rate, Training vs testing errors | | |
| | 6 | T | 17 | supervised vs unsupervised learning, L4(KNN Iris Classifier), E(Decision Boundary for KNN Classifier for Iris) | | |
| 2 | | W | 18 | | | |
| | 7 | R | 19 | mean, median, variance, standard deviation, measuring error in regression, simple bias Regressor, L5(Simple Bias Regressor) | | |
| | 8 | F | 20 | simple linear regression, R2, E(Simple Linear Regression of Red Wine) | | |
| | 9 | M | 23 | L6(Predicting Fuel Economy Using Simple Linear Regression) E(Cross-Validation for Red Wine) | | |
| | 10 | T | 24 | E(Multiple Linear Regression of Red Wine) | | |
| 3 | | W | 25 | | | |
| | 11 | R | 26 | forward feature selection, normal equations, L7(Linear Regression for Tips) | | |
| | 12 | F | 27 | categorical features, feature engineering | | |
| | 13 | M | 30 | L8(Feature Engineering for Tips), | | |
| | 14 | T | 31 | L9(Collinearity), L10(KNN Regression) | | |
| 4 | | W | 10 | | | |
| | 15 | R | 2 | L11(KNN Regression Auto), L12(Softmax) work L12 in class, L13(Logistic Regression for Iris) | | |
| | 16 | F | 3 | logistic regression, L14(Error Metrics) | | |
| | 17 | M | 6 | E(KNN Regressor for Wine) GridCV, E(Bias-Variance Trade-off) | | |
| | 18 | T | 7 | reducible vs irreducible error, bias-variance trade-off slides, decision boundary | | |
| 5 | | W | 8 | | | |
| | 19 | R | 9 | Test 1 Part I | | |
| | 20 | F | 10 | Test 1 Part II | SPRING BREAK | |

| Week | Day | | | | | |
|------|-----|---|----|----------------------------------------------------------------------------------|--|--|
| | 21 | M | 20 | regularization, E(Regularization for Auto) | | |
| | 22 | T | 21 | E(Regularization for Auto)-continued, L15(Regularization for Red Wine), PROJECTS | | |
| 6 | | W | 22 | | | |
| | 23 | R | 23 | E(Regularization for Stocks), Bootstrap Method, E(Bootstrap Method for MPG), | | |
| | 24 | F | 24 | E(Bootstrap Method for Auto), L16(Bootstrap for Tips) | | |
| | 25 | M | 27 | PROJECTS | | |
| | 26 | T | 28 | decision trees, L17(Decision Trees), L18(Gini Index) | | |
| 7 | | W | 29 | | | |
| | 27 | R | 30 | L19(Decision Trees for Iris) | | |
| | 28 | F | 31 | L20(Regression Trees for Wine) | | |
| | 29 | M | 4 | | | |
| | 30 | T | 5 | | | |
| 8 | | W | 6 | | | |
| | 31 | R | 7 | | | |
| | 32 | F | 8 | Last Day to Drop | | |
| | 33 | M | 11 | | | |
| | 34 | T | 12 | | | |
| 9 | | W | 13 | | | |
| | 35 | R | 14 | | | |
| | 36 | F | 15 | | | |
| | 37 | M | 18 | | | |
| | 38 | T | 19 | | | |
| 10 | | W | 20 | | | |
| | 39 | R | 21 | | | |
| | 40 | F | | | | |