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| Date | Rotation Day | Topic | Homework |
| Sept 9 | F | What is Machine Learning? |  |
| Sept 10 | E | Pandas | Download Anaconda and Watch Andrew Ng intro videos. Write discussion post. |
| Sept 11 | D | Pandas | Pandas Basics Assignment – Stop before Missing Data |
| Sept 13 | B | Pandas | Pandas Basics Assignment - Finish |
| Sept 16 | A | Pandas | Pandas Pregnancy Problem Set |
| Sept 17 | F | Pandas | Rollercoaster Project |
| Sept 18 | E | Pandas | Rollercoaster Project |
| Sept 19 | D | GitHub & Blog | Rollercoaster Project |
| Sept 23 | B | Linear Regression | Blog & Read two ethics articles |
| Sept 24 | A | Finish Problem Set/  Gradient Descent | Problem Set #1-8 |
| Sept 25 | F | Gradient Descent | Watch GD videos |
| Sept 26 | E | Gradient Descent | Python Iteration HW |
| Sept 27 | D | Multiple Regression | Gradient Descent Algorithm HW  **No HW Weekend** |
| Oct 1 | B | Multiple Regression | Gradient Descent /Stochastic Gradient Descent Assignments |
| Oct 2 | A | Multiple Regression | In class: Multiple Regression Notebook and semilog |
| Oct 3 | F | Multiple Regression | Hw: Semilog exercise and Categorical Variabes Notebook  In class: Syphilis Lab  <https://www.desmos.com/calculator/ntkt0cvxcq>  <https://www.desmos.com/calculator/7yeny8lqth> |
| Oct 4 | E | Regularization | Syphilis Lab Due |
| Oct 7 | D | Regularization | Cars Problem Set |
| Oct 9  **Octoberim 10-14 no classes** | B | Regression Project | Test/Train Split  And Polynomial Regression Notebooks |
| Oct 15 | F | Regression Project | Regularization, Cross-Validation Notebooks Regression Project |
| Oct 16 | E | Regression Project | Regression Project |
| Oct 17 | D | Classification | Regression Project |
| Oct 21 | B | Classification | Naïve Bayes Assignment |
| Oct 22 | A | Classification | Naïve Bayes Problem Set |
| Oct 23 | F | Classification | Logistic Regression Assignment |
| Oct 24 | E | Classification | Error Classification Assignment |
| Oct 25 | D | Classification | K Nearest Neighbors Assignment |
| Oct 28 | C | Classification Project: College Analysis | K Nearest Neighbors Problem Set |
| Oct 29 | B | Classification Project: College Analysis | Classification Project: College Analysis |
| Oct 30 – No class? | A | Classification Project: College Analysis | Classification Project: College Analysis |
| Oct 31 | A | Unsupervised Learning | Classification Project: College Analysis |
| Nov 1 – Q1 ends | F | Unsupervised Learning | K Means Clustering Assignment |
| Nov 4 | E | Linear Algebra | K Means Clustering Problem Set |
| Nov 5 | D | Linear Algebra | Linear Algebra Packet Page 4 #1 |
| Nov 7 | B | Linear Algebra | Linear Algebra HW page 4 #2, page 6 #7,8, page 8 #a,b |
| Nov 8 | A | Linear Algebra | Linear Algebra HW finish through page 11 |
| Nov 11 | F | Linear Algebra | Linear Algebra pg. 15-16 letters a-d and find inverse of [[1,-2,1],[-1,2,2],[1,0,1]] |
| Nov 12 | E | Linear Algebra | Linear Algebra pg. 16 #2 and pg. 19 |
| Nov 13 | D | Linear Algebra | College Rankings Project |
| Nov 15 | B | Linear Algebra | Open Note Quiz/College Rankings Project |
| Nov 18 | A | Linear Algebra | College Rankings Project Due |
| Nov 19 | F |  | Image compression/College Rankings SVD |
| Nov 20 | E |  | **21-1 No school** |
| Dec 2 | F | Dimensionality Reduction/PCA |  |
| Dec 3 | E | Recommender Systems | Dimensionality Reduction Assignment |
| Dec 4 | D | Recommender Systems | Recommender Systems Assignment |
| Dec 6 | B | Recommender Systems | Recommender Systems Problem Set |
| Dec 9 | A | Recommender Systems | Netflix Recommender Project |
| Dec 10 | F | Recommender Systems | Netflix Recommender Project |
| Dec 11 | E | Recommender Systems | Netflix Recommender Project |
| Dec 12 | D | Natural Language Processing | Netflix Recommender Project |
| Dec 16 | B | Natural Language Processing | Natural Language Processing Assignment |
| Dec 17 | A | Natural Language Processing | Natural Language Processing Problem Set |
| Dec 18 | F | Natural Language Processing | Natural Language Processing Project |
| Dec 19 | E | Natural Language Processing | Natural Language Processing Project |
| Dec 20 | D | Natural Language Processing | **Winter Break** |
| Jan 7 | B | Final Project | Final Project |
| Jan 8 | A | Final Project | Final Project |
| Jan 9 | F | Final Project | Final Project |
| Jan 10 | E | Final Project | Final Project |
| Jan 13 | D | Final Project | Final Project |
| Jan 15 | B | Final Project | Final Project |
| Jan 16 | A | Final Project | Final Project |
| Jan 17 | F |  | **20 MLK day, 21-24 Assessments, 27 no school** |