#	Date	Topic	Assignments
12	03/02	Classifiers (Building Decision Trees; Ensemble Methods);	~~Practice Midterm out~~ Now online and open book (no practice mid-term: topics span hw 1 and 2, demo 1 and 2, and lectures 1-6, along with the readings)
13	03/07	Classifiers (continued); ~~Midterm Review~~	
14	03/09		**Midterm (online, 48 hours to complete; 2-hour time limit once started. BE SURE NOT TO BEGIN UNLESS YOU HAVE 2 HOURS AVAILABLE TO COMPLETE).**
	03/12	Assignment 3 was moved to make time for the online Midterm	**Assignment 03 out (due Wed. 27 March.; 11:59 PM)**
15	03/14	Ethics and fairness in ML; Explainable AI	**Project 01** out (due Wed. 29 March.; 11:59 PM)
16	03/16	Naive Bayes Classifier	
	03/20-03/24	**SPRING BREAK WEEK**	
17	03/28	Building a basic neural network model	**Assignment 04** out (due Tues. 4 April.; 11:59 PM)
18	03/30	Model convergence; Parameter tuning in neural nets	
19	04/04	Deep Learning: Overview of the model types, applications, and state-of-the-art	**Project 02** out (due Mon. 17 April.; 11:59 PM)
20	04/06	Clustering techniques (unsupervised learning)	
21	04/11	Clustering techniques (continued)	(OPTIONAL) **Assignment 05** (due Mon. 24 April.; 11:59 PM)
22	04/13	Dimensionality Reduction	
23	04/18	Recommendation Systems	(OPTIONAL) **Project 03** out (due Wed., 26 April.; 11:59 PM)
24	04/20	Recommendation Systems (continued)	
25	04/25	TBD	
26	04/27	Course wrap-up; What's next?	

Change Log

- Regression was extended to account for the *EDA and regression demo* we added to the lecture after the original lecture dates. Ultimately, this did not cost us our open lecture (i.e., *TBD*), as we could work in categorical quickly, which was the lecture it took the place of.
- The *Midterm* was pushed ahead one week (i.e., now on 03/07). The motivation here was that *HW2* would make up much of the midterm, and it is best to have grades and feedback returned to students before we review for the midterm.
  - *Practice Midterm* and *in-class Midterm review* were updated accordingly
- The dates of *Project 1* were adjusted to be due after Spring Break: the extra time given since the assignment spans over Spring Break.
- **Added an OPTIONAL HW 5**. Optional assignments can be done (1) as extra credit and for learning, as these assignments would be in the curriculum if this class had a lab component (i.e., to get the most out of the class, they are worth doing) or (2) to replace the lowest homework or project grade if this helps more than the extra credit.[1] Both of these optional assignments will be graded like all other assignments. When submitted, whichever yields the best final grade.
- Adjusted the dates of *Project 02* and *Project 03* to allow for the optional homework.

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[1] Option (2) is only allowed if there is a grade for the assignment it will replace. In other words, this does not mean skipping one of the assignments and assuming you can have the OPTIONAL take its place. This is the only condition where (1) will be applied by default. Even if you submit something, then (1) or (2) are available.