

Date	Topic	Homework
1/14/2021	Course logistics and introduction	
1/19/2021	Computational models	
1/21/2021	Computational models	Assignment 1
1/26/2021	Graph and networks	
1/28/2021	Graph and networks	Due
2/2/2021	Python 1: Basic, functions, library	Assignment 2
2/4/2021	Python 2: File I/O, shapefile, library	
2/9/2021	Probabilities	Due
2/11/2021	Confidence intervals & sampling	
2/16/2021	Confidence intervals & sampling	
2/18/2021	Data processing	Assignment 3
2/23/2021	Python 3: data processing, matplotlib and visualization	
2/25/2021	Machine learning intro	
3/2/2021	Machine learning intro	Due
3/4/2021	Project presentation I	
3/9/2021	Regression I	Assignment 4
3/11/2021	Regression II	
3/16/2021	Clustering I	
3/18/2021	Clustering II	Due
3/23/2021	Classification I	
3/25/2021	Classification II	Assignment 5
3/30/2021	Python 4: sklearn and ML applications	
4/1/2021	Anomaly detection	
4/6/2021	Anomaly detection	
4/8/2021	Exam	Due
4/13/2021	Transportation data science applications	
4/15/2021	Transportation data science applications	
4/20/2021	Transportation data science applications	
4/22/2021	Final project presentation	