Week	Content	Assignment Information	Lecturer
1	Introduction		P
2	Preliminaries (Statistics, Linear Algebra and Programming)		P + I
3	Regression (Linear and Logistic)		I
4	Carnival		
5	Regression Examples (practical examples and sample problems)	1 assigned	I
6	Convolutional Neural Networks		P
7	Convolutional Neural Networks (practical examples and sample problems)	2 assigned and 1 due	I
8	Unsupervised Learning (Clustering)		P
9	Unsupervised Learning (practical examples and sample problems)	3 assigned and 2 due	I
10	Naive Bayes		P
11	Naive Bayes (practical examples and sample problems)	4 assigned and 3 due	I
12	Decision Trees		P
13	Decision Trees (practical examples and sample problems)	5 assigned and 4 due	I

Textbook:

Introduction to Machine Learning by Ethem Alpaydın (Second Edition, MIT Presss).