

## 01. Introduction of the course

17.02.2020

## 02. Data and Information

24.02.2020

Data and Information

Machine Intelligence and Intelligent Human

Deep learning, Neural Nets, Convolutional NN

*Coding exercise*

## 03. Applications

02.03.2020

Machine Learning and its

applications in Urban Context

## 04. Map and Model

09.03.2020

Territory

Map

Model

AI Classifiers

Object Classification

*Coding exercise*

## 05. Guest Lecture Diana Alvarez-Marin

23.03.2020

Examples of maps and models

Explanation of the experiment

## 06. Collecting Data

30.03.2020

Crawlers, API, TOKEN

*Coding exercise*

## 07. Categorization

06.04.2020

Data, labels, vectors

Available training data

Training data

Classification

*Coding exercise*

## 08. Self Organizing Maps

20.04.2020

Clustering

Spectrum

*Coding exercise*

## 09. Rendering your model

27.04.2020

Projecting spectrums to space

*Coding exercise*

## 10. Workshop

04.05.2020

Questions

## 11. Final Presentation

11.05.2020

This is your chance to share your own model, tell us a story.