| Week 1 | | Week 2 | |
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| July 1 | | July 8 | |
| 11:00-12:30 | Introduction to machine learning-1 | 11:00-12:30 | Clustering-1 |
| 12:30-12:40 | Break | 12:30-12:40 | Break |
| 12:40-14:10 | Introduction to machine learning-2 | 12:40-14:10 | Clustering-2 |
| 14:10-15:00 | Lunch Break | 14:10-15:00 | Lunch Break |
| 15:00-18:00 | Inroduction to Python | 15:00-18:00 | Clustering practice |
| July 2 | | July 9 | |
| 11:00-12:30 | Basic models | 11:00-12:30 | Introduction to neural networks |
| 12:30-12:40 | Break | 12:30-12:40 | Break |
| 12:40-14:10 | Basic models | 12:40-14:10 | Neural networks and optimization |
| 14:10-15:00 | Lunch Break | 14:10-15:00 | Lunch Break |
| 15:00-18:00 | Basic models practice | 15:00-18:00 | Neural networks practice |
| July 3 | | July 10 | |
| 11:00-12:30 | Linear models | 11:00-12:30 | Convolutional neural networks |
| 12:30-12:40 | Break | 12:30-12:40 | Break |
| 12:40-14:10 | Support vector machine | 12:40-14:10 | Recurrent neural networks |
| 14:10-15:00 | Lunch Break | 14:10-15:00 | Lunch Break |
| 15:00-18:00 | Linear models practice | 15:00-18:00 | Andvanced neural networks practice |
| July 4 | | July 11 | |
| 11:00-12:30 | Probabilistic classifiers | 11:00-12:30 | Dimensionality reduction-1 |
| 12:30-12:40 | Break | 12:30-12:40 | Break |
| 12:40-14:10 | Trees and ensembles | 12:40-14:10 | Dimensionality reduction-2 |
| 14:10-15:00 | Lunch Break | 14:10-15:00 | Lunch Break |
| 15:00-18:00 | Probabilistic classifiers practice | 15:00-18:00 | Dimensionality reduction practice |
| July 5 | | July 12 | |
| 11:00-12:30 | Model selection and optimization-1 | 11:00-12:30 | Noise filtering and missing values completion |
| 12:30-12:40 | Break | 12:30-12:40 | Break |
| 12:40-14:10 | Model selection and optimization-2 | 12:40-14:10 | Semi-supervised learning |
| 14:10-15:00 | Lunch Break | 14:10-15:00 | Lunch Break |
| 15:00-18:00 | Trees and ensembles practice | 15:00-18:00 | Noise filtering and missing values practice |