

## Machine Learning - MBA 2024 - Winter Term

<i>Session</i>	<i>Topic</i>	<i>Documents</i>
22 jan	<i>What is machine learning?</i>	[ML-01] What is machine learning?
23 jan	<i>scikit-learn</i>	[ML-02] scikit-learn [ML-02E] Example - Modeling the strength of concrete
29 jan	<i>Linear regression</i>	[ML-03] Linear regression [ML-03E] Example - House sales in King County
30 jan	<i>Logistic regression</i>	[ML-04] Logistic regression [ML-04E] Example - The churn model
<i>Assignment</i>		
5 feb	<i>Discussion of the assignment</i>	
12 feb	<i>Imbalanced learning</i>	[ML-05] Imbalanced learning [ML-05E] Example - Term deposits
13 feb	<i>Decision trees</i>	[ML-06] Decision trees [ML-06E] Example - The spam filter
<i>Assignment</i>		
19 feb	<i>Discussion of the assignment</i>	
20 feb	<i>Model validation</i>	[ML-07] Model validation [ML-07E1] Validation examples
<i>Assignment</i>		
26 feb	<i>Discussion of the assignment</i>	
27 feb		[ML-07E2] Example - Fraud in credit card transactions
1 mar	<i>Ensemble methods (1)</i>	[ML-08] Ensemble methods [ML-08E1] Ensemble model examples
4 mar	<i>Ensemble methods (2)</i>	[ML-08E2] Example - Handwritten digit recognition
5 mar	<i>Clustering</i>	[ML-09] Clustering [ML-09E] Clustering examples
<i>Assignment</i>		
11 mar	<i>Discussion of the assignment</i>	
12 mar	<i>Neural networks</i>	[ML-10] Neural networks [ML-10E] Airline passenger satisfaction
<i>Assignment</i>		
18 mar	<i>Discussion of the assignment</i>	
19 mar	<i>Deep learning</i>	