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KNIME

KNIME Text Mining Training Agenda

March 14, 2017, Hotel Berlin, Berlin



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Breakfast and Introductions	09:00 – 10:00	Coffee, cakes, and a chance to chat
Introduction to KNIME	10:00 – 10:15	<ul style="list-style-type: none"> Introduction The KNIME Workbench Overview of target workflow The KNIME Textprocessing Extension
Reading & Importing Textual Data	10:15 – 11:15	<ul style="list-style-type: none"> Data Source nodes Reading files Creating documents
Semantic Enrichment	11:15 – 12:00	<ul style="list-style-type: none"> POS tagging Names entity recognition Semantic enrichment
	12:00 – 13:00	Lunch
Preprocessing and Transformation	13:00 – 14:00	<ul style="list-style-type: none"> Preprocessing and filtering Transformation into bag of words and vector representations Frequency computation
Text Classification	14:00 – 15:00	<ul style="list-style-type: none"> Predictive modeling overview Learner/Predictor motif Creating test and training sets An example: decision trees Sentiment analysis
	15:00 – 15:30	Break
Visualization	15:30 – 16:15	<ul style="list-style-type: none"> Tag Clouds PCA Document Viewer
Text Clustering	16:15 – 17:15	<ul style="list-style-type: none"> Hierarchical clustering K-Medoids clustering MDS
Supplementary Workflows	17:15 – 18:00	<ul style="list-style-type: none"> Overview of additional workflows Q&A to explore previous topics in more detail