

## Text Mining Course for Beginners

### March 5/6, 2018 – Berlin

<b>Breakfast / Introductions</b>	<b>9:00 – 10:00</b>	
Getting Started with KNIME	10:00 – 10:15	Introduction The KNIME Workbench Overview of Target Workflow The KNIME Textprocessing Extension
Importing Text	10:15 – 11:15	Data Source Nodes Reading Files Creating Documents
Enrichment	11:15 – 12:00	POS Tagging Names Entity Recognition Semantic Enrichment
<b>Lunch</b>	<b>12:00 – 13:00</b>	
Preprocessing and Transformation	13:00 – 14:00	Preprocessing and Filtering Transformation into Bag of Words and Vector Representations Frequency Computation
Classification	14:00 – 15:00	Predictive Modeling Overview Learner/Predictor Motif Creating Test and Training Sets An Example: Decision Trees Sentiment Analysis
Visualization	15:00 – 15:30	Tag Clouds Document Viewer
<b>Break</b>	<b>15:00 – 16:15</b>	
Clustering	16:15 – 17:15	Hierarchical Clustering K-Medoids Clustering
Supplementary Workflows	17:15 – 18:00	Overview of Additional Workflows Q&A to explore previous topics in more detail