



Open for Innovation <sup>®</sup>

**KNIME**

## KNIME Text Mining Training Agenda

March 13, 2017, Hotel Berlin, Berlin



# KNIME Text Mining Training Agenda

## March 13, 2017. Hotel Berlin, Berlin

<b>Breakfast and Introductions</b>	09:00 – 10:00	<b>Coffee, cakes, and a chance to chat</b>
<b>Introduction to KNIME</b>	10:00 – 10:15	Introduction The KNIME Workbench Overview of target workflow The KNIME Textprocessing Extension
<b>Reading &amp; Importing Textual Data</b>	10:15 – 11:15	Data Source nodes Reading files Creating documents
<b>Semantic Enrichment</b>	11:15 – 12:00	POS tagging Names entity recognition Semantic enrichment
	12:00 – 13:00	<b>Lunch</b>
<b>Preprocessing and Transformation</b>	13:00 – 14:00	Preprocessing and filtering Transformation into bag of words and vector representations Frequency computation
<b>Text Classification</b>	14:00 – 15:00	Predictive modeling overview Learner/Predictor motif Creating test and training sets An example: decision trees Sentiment analysis
	15:00 – 15:30	<b>Break</b>
<b>Visualization</b>	15:30 – 16:15	Tag Clouds PCA Document Viewer
<b>Text Clustering</b>	16:15 – 17:15	Hierarchical clustering K-Medoids clustering MDS
<b>Supplementary Workflows</b>	17:15 – 18:00	Overview of additional workflows Q&A to explore previous topics in more detail
	19:00	<b>Dinner hosted by KNIME</b>