

Text Mining Course for KNIME Analytics Platform November 5, 2019 – Austin, TX

	9:00 – 10:00	Registration, coffee, breakfast
Getting started with KNIME	10:00 – 11:00	Introduction The KNIME Workbench Overview of target workflow The KNIME Textprocessing Extension
Importing text	11:00 – 12:00	Data Source nodes Reading files Creating documents
Enrichment	12:00 – 1:00	POS tagging Names entity recognition Semantic enrichment
	1:00 – 2:00	Lunch
Preprocessing and transformation	2:00 – 2:45	Preprocessing and filtering Transformation into Bag of Words and vector representations Frequency computation
Classification	2:45 – 3:30	Predictive modeling overview Learner/predictor motif Creating test and training Sets An example: decision trees Sentiment analysis
	3:30 – 4:00	Coffee break
Visualization	4:00 – 4:30	Tag clouds Document viewer
Clustering	4:30 – 5:30	Hierarchical clustering K-Medoids clustering
Supplementary workflows	5:30 – 6:00	Overview of additional workflows Q&A to explore previous topics in more detail
	6:30 pm	Welcome reception