[L4-TP] Text Processing: Specialization

Session 1	
Introduction and Importing Text	Introduction to Text Processing Composite Data Types (Documents and Terms) The Text Processing Extension File Readers and Parsers Tokenization
Session 2	
Enrichment and Preprocessing	POS Tagging Names Entity Recognition Semantic Enrichment Preprocessing and Filtering
Session 3	
Preprocessing, Transformation, and Classification Models	Transformation into Bag of Words and Vector Representation Frequency Computation and Predictive Modeling Overview Decision Tree Model for Classification A Primer to Sentiment Analysis (incl. BERT and LLMs)
Session 4	
Visualization, Clustering, and Topic Modeling	Tag Clouds Document Viewer Hierarchical and k-Medoids Clustering Topic Modeling
Session 5	
Use Cases and Wrap Up	Supplementary Workflows Summary of Materials Covered Q&A Session