## [L4-TP] Introduction to Text Processing
## Online

| Session 1 | |
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| Introduction and Importing Text | Introduction to Text Processing<br>Composite Data Types (Documents and Terms)<br>The Text Processing Extension<br>Data Source Nodes<br>Tokenization |
| **Session 2** | |
| Tokenization and Enrichment | POS Tagging<br>Names Entity Recognition<br>Semantic Enrichment<br>Preprocessing and Filtering |
| **Session 3** | |
| Preprocessing, Transformation, and Classification Models | Transformation into Bag of Words and Vector Representation<br>Frequency Computation Predictive Modeling Overview<br>Decision Tree Model for Classification |
| Session 4 | |
| Visualization, Clustering, and Topic Modeling | A Primer to Sentiment Analysis<br>Tag Clouds<br>Document Viewer<br>Hierarchical and K-Medoids Clustering |
| **Session 5** | |
| Wrap Up Session | Supplementary Workflows<br>Topic Modeling<br>Movie Forecasting Use Case<br>Summary of Materials Covered<br>Q&A Session |
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