

Project Plan 1: Natural Language Processing for Character Analysis

Number of credits: 6 ECTS

Student number: 21-740-279

level: BA

Project Content:

This subproject focuses on leveraging Natural Language Processing (NLP) techniques to extract detailed character descriptions and construct character networks from selected literary works. Utilizing the BookNLP pipeline, I analyze texts to identify and categorise characters, their attributes, interactions, and relationships within the narrative. Firstly, I will select literary works for analysis, set up the BookNLP pipeline and prepare the text data for preprocessing. Secondly, I will implement NLP techniques to extract character names, descriptions and interactions from the text. Finally, I will develop a character network that visualises the relationships and dynamics among characters based on the extracted data.

Milestones:

- 1. Initial Setup and Data Preparation(1-2 months)**
- 2. Character Analysis and Extraction(3-4 months)**
- 3. Character Network Construction(5-6 months)**

Supervisor Signature: _____