

Greek Mythology Explorer – Final Report

Natural Language Processing and Information Retrieval 01

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Final Group Project

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# Introduction

## Motivation

## Project goals and use case

# Data Acquisition and Graph Modelling

## Data source: Wikidata and SPARQL

## Graph construction: Nodes, edges and relationships

# System Architecture

## Technology stack overview

## Web integration and interface

## Migration from early prototypes

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## Interactive graph exploration

## Shortest path queries

## Character similarity matching via vector comparison

# Evaluation

## Evaluation setup and methodology

## Relevance metrics: Precision@K, MAP, NDCG

## Results and Interpretation

# Conclusion and Outlook