Evolution of Greek Myth: A Computational Study of Language and Themes Over Time

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Overview

Big Questions:

- How have Greek myth narratives and themes evolved over time?
- What shifts in language and core themes (e.g., heroism, fate) appear between ancient and modern adaptations?

Materials:

- Classics:
  - Odyssey by Homer,
  - Iliad,
  - The Song of Achilles

- Modern Retellings:
  - Percy Jackson
  - Tales of Apollo
  - Mythos
  - House of Pomegranates

Methods Proposed

Text Analysis:

- Language patterns
- Sentiment Analysis

Topic Modelling:

- Evolution of core themes over time

Resources and Tools

- Voyant Tools
- Mallet
- Large Language Models
- Python
- Project Gutenberg

Social Network Analysis

- Claude
- Antconc

Word Embedding

- Infinite Craft
- Google Embedding Projector

Significance and Conclusion

"Understanding how myths evolve helps us see how societies adapt foundational narratives to reflect changing values."

- Show how cultural values influence the structure of the society
- Demonstrates the flexibility and adaptability of myth in modern society.