LINGUINE: A WEB APPLICATION FOR LINGUISTIC ANALYSIS

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About Linguine

Linguine is an easy-to-use web application that helps students and other users perform natural language processing (NLP) tasks without knowledge of programming.

Visualize natural language analysis

Our application layer exposes a public API using Node.js and a private Python API for corpora analysis, which uses NLTK, Gensim for topic modeling, and TextBlob. The presentation layer utilizes Angular.js and HTML, CSS, and JS. The data layer is MongoDB, which is accessed via the Mongoose ORM.

Background

Automated natural language analysis often requires some level of programming experience and lacks visualizations. Through our simple interface, users can perform advanced analytics operations with visual output without that knowledge.