README File Examples
Exemplar README File

Description
This research software is a Python-based digital humanities project designed to analyze and extract insights from large collections of literary texts. The project utilizes natural language processing techniques to perform various text analysis tasks such as sentiment analysis, topic modeling, and named entity recognition. By applying these techniques, the project seeks to uncover themes and relationships within the texts, enabling researchers to gain deeper insights into the literary works. All texts are written by women who were unable to secure publishing deals in 19th century America.

Contributors
This project is developed and maintained by the following contributors:
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Technical Requirements
System Specifications
Operating System: Windows, macOS, Linux
Processor: 1 GHz or faster
RAM: 2 GB or higher

Language and Library Specifications
Python 3.7 or above
Pandas 2.1.1
Numpy 1.26.0

Working Directory

```
.
├── data/          # Directory to store input data files
├── output/        # Directory to store output files
├── src/           # Directory containing the source code files
└── README.md      # This file
```

Known Bugs
Issue #1: The sentiment analysis module occasionally fails to classify certain sentences correctly. Efforts are being made to resolve this issue in the next update.

Output Files Created and Storage Location
The project generates the following output files:

results.csv - Contains the analysis results in a CSV format.
plots/ - A directory that stores various plots and visualizations generated during the analysis.
All output files are saved in the project's root directory.

Naming Conventions
The project follows the Python naming conventions as recommended by PEP 8. Descriptive and

meaningful names are used for variables, functions, and classes. Additionally, file names are lowercase with words separated by underscores.

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