

CS 4395.001 - Assignment 6: Report

I created the knowledge base by simply going through compiling a dictionary with each of the top 10 most frequent words as the key. Then, each line of each text file is then iterated through to find every sentence containing the one of the top 10 words. A list of these sentences is created, and it becomes the value for each word (the key) in the dictionary.

Screenshots of the knowledge base:

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evangelion: ['Neon Genesis Evangelion - Review - Anime News Network 30 captures10 Jul 2019 - 04 Aug 2022JulSEPAug09201820192020successfail About this captureCOLLECTED BYCollection: Twitter Outlinks This is a Collection of URLs (and Outlinked URLs) extracted from a random feed of 1% of all Tweets.TIMESTAMPSThe Wayback Machine - https://web.archive.org/web/20190909173249/https://www.animenewsnetwork.com/review/neon-genesis-evangelion/episodes-1-26/.148638USA6 CanadaWorldUSA & CanadaAustralia & New-ZealandSoutheast AsiaFrançaisLoginforgot it?remember meorLogin with FacebookLogin with TwitterRegister No account yet?\n', 'Reviewby Nick Creamer, Jul 10th 2019Neon Genesis EvangelionEpisodes 1-26 streamingSynopsis:A silent specter floats through the ruins of a lost city, fifteen years after the tragedy that nearly ended the world.\n', 'As the pilot of Evangelion Unit 01, he and his fellow pilots will hold the fate of the world in their hands; but in a world defined by cruelty and failed connections, saving the world might be a simpler task than believing you deserve to inhabit it.Review:Synopsis: A silent\n', 'Two of them, Rei Ayanami and Asuka Langley, are young women still in school who pilot the EVA mech suits used to fight angels.\n', 'That night, as they sat beneath the stars, watching the city lights slowly turn back on, Rei offered up her insight: "Man fears the darkness and so he scrapes away at its edges with fire."\n', 'Two of them, Rei Ayanami and Asuka Langley, are young\n', 'The third, Misato Katsuragi, is a commander at NERV as well as the guardian of both Asuka and the final protagonist Shinji Ikari.\n', 'All of the women are complex characters with their own agency, and while some fit into classic tropes, none exist just for the male gaze.9 Anti-Heroic Male Protagonist The protagonist of Neon Genesis Evangelion is Shinji Ikari, a teenager plagued by
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The Top 10 most frequent terms in all 15 sites are:

1. anime
2. evangelion
3. rei
4. shinji
5. like
6. series
7. characters
8. one
9. many
10. genesis

A sample dialog that a chatbot using this knowledge base could use to hypothetically have:

User: What is the name of this anime?

Chatbot: The name of this anime is Neon Genesis Evangelion

User: Who is the main character?

Chatbot: The main character is Ikari Shinji.

User: Who are some of the supporting characters?

Chatbot: The supporting characters are Rei, Asuka, and Misato.