

NLP and Web Applications Final

許博竣 f07942095

SearchPTT



SearchPTT is a web app for exploring popular posts and trends on PTT. You can also "play" a selected post like listening to a podcast.

Key Features

- Search
 - Search posts by different conditions
 - Board, keyword, author, push
 - List info of the posts
 - Time, title, author, summary, keyword, AID, URL
- Analyze
 - Search posts by different conditions
 - Analyze all posts
 - Popular keyword, average post sentiment, average push sentiment, locations
- Podcast
 - Play a selected post like listening to a podcast

Structure

- Web Page
 - Based on Assignment 2
 - Javascript + Material UI
- APIs
 - Python + Flask
 - PTT crawling
 - NLP analysis ([SnowNLP](#), [WordCloud](#), ...)
 - [IPinfo](#)
 - Google TTS by [gTTS](#)