

Justin Hardy

JEH180008

CS 4395.001

Dr. Mazidi

## Web Crawler Overview

For this assignment, we were tasked with creating a knowledge base using a web crawler to scrape information from a webpage, and any webpages they link to, of our choosing. We'd chosen to use a poker-related webpage as the root page. I went about creating the knowledge base by using the ten most frequent, non-stopword terms in each of the fifteen web pages we'd scraped. The keys point to a list of each sentence they occur in, out of all sentences from the webpages we'd scraped. It isn't perfect, as it may think a sentence starts at a strange point due to the way the text was sometimes displayed. But most of the sentence content is very sensible. You can see an example of a key from the knowledge base in the screenshot below.

```
[ poker ]
• Quick, high-quality, profitable poker decisions based on hand categories.
• Win the MAX in live poker games.
• Learn how to take your poker skills to the highest level.
• The quickest & most efficient way to improve your poker game Free Doug vs Daniel Video.
• Convert & replay your hands to study what went wrong ... or very right Improve your poker skills fast with short, hyper-focused podcast episodes covering crucial poker topics.
• Want to learn the strategic value of continuing bets in poker?
• Learn the fundamentals of profitable Short Deck hold'em Are you familiar with positional, range, and pot advantages in poker?
• Information is power ( and profit ) in poker.
• These concepts are at the root of all poker decisions.
• { Note: Want to learn the methods behind the world's best poker player's success?
• One of the best ways to hone your approach is to play and study poker.
• } I'm a professional poker player and one of the pros here on UpswingPoker.com.
• Learn the fundamentals of profitable Short Deck hold'em If you want to make as much money in poker as possible, you need to be well-versed in the most common spots.
• In this article, we are going to take a look at the differences between the two most common types of pots in poker: single raised pots and 2-bet pots.
• FYI, a lot of this advice can be applied to tournament poker strategy where the stack-to-pot ratio is usually low in the late stages.
• But nothing is simple in poker.
• Note: Ready to take your cash game and tournament poker game to the next level?
• Read more from Upswing Poker: Gullin and Live Grinder turned poker writer This is Dynamic Winjet Area.
• Note: The elite team of Upswing coaches has been adding content to the Lab every week for the past four years, and you get access to all of it when you join: I'm a professional
• This is a situation that is misplayed even by some of the best poker players out there.
• Want to challenge your poker skills?
• Take our poker IQ test now!
• Ready to upgrade your poker strategy?
• To your strategy Get the Leo Niu > > Position is a really big deal in poker.
• Learn the fundamentals of profitable Short Deck hold'em At the core of poker strategy is the concept of ranges.
• Instead of trying to put your opponent on a specific hand, it helps to assign them-and yourself-a range of possible poker hands after each action.
```

If we were to create a chatbot out of this information, I'd like for it to be able to answer a question such as, "What different types of pots are there?", using the key term "pot."