

My corpus was focused on the 35th president of the US, John F. Kennedy, and topics related to him (such as his presidency, his upbringing, his assassination, and some members of his family). In order to do this I used a web crawler that, starting from a google search for “John F. Kennedy”, made a queue of links and scraped the text off of each one before calculating the most important via calculating the tfidf. After I got my terms (Kennedy, Oswald, War, Russians, Assassination, Presidency, Senator, Commission, 1960, Museum), I was able to create a knowledge base by going through and getting each sentence in the files that contained the word in question. The sentences were saved into a list, which were then made into a dict where the word is the key. This dict was then saved into a pickle file.

Due to its size, it's impossible to show the entire contents of the base, here is an example of the contents:

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sc-span survey has kennedy ranked among the top ten presidents of all-time.', 'kennedy  
was ranked 8th among all former presidents (down from 6th in 2009).', '[256] a 2018  
poll of the american political science association's presidents and executive politics  
section ranked kennedy as the 16th best president.', "[257] a 2006 poll of historians  
ranked kennedy's decision to authorize the bay of pigs invasion as the eighth-worst  
mistake made by a sitting president.", "[258] notes[edit] ^ southern democrats in  
several states who were opposed to the national democratic party's support for civil  
rights and voting rights for african americans living in the south, attempted to block  
kennedy's election by denying him the necessary number of electoral votes (269 of 537)
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Example Interaction

Chatbot: Hello. Is there anything you'd like to know about John F. Kennedy?

User: Who is JFK?

Chatbot: John Fitzgerald Kennedy, also known as JFK, was the president of the United States from 1960 to 1963.

User: Why only 3 years?

Chatbot: Kennedy's presidency was cut short by his assassination on November 22, 1963.

User: Who killed him?

Chatbot: Who killed Kennedy and why is the topic of multiple investigations and conspiracy theories. The Warren Commission concluded that Lee Harvey Oswald killed JFK.

User: Why is Kennedy so popular?

Chatbot: JFK is one of the most well known US presidents for various reasons; such as the mystery surrounding his death and his actions during the Berlin Crisis, the Cuban Missile Crisis, and the Bay of Pigs Invasion.