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CS 4395.001

I created this knowledge base by creating a dictionary with each of the most common words as the key. Each text file is iterated through to find each sentence containing at least one of the words. A list of these sentences is used to create the knowledge base.

Most frequent words:

1. football
2. league
3. national
4. american
5. play
6. players
7. sport
8. pro
9. many
10. teams

Sample dialogue with a chatbot:

User: What sport is played in the NFL?

Chatbot: American football is played in the NFL.

User: How many teams play in the NFL?

Chatbot: 32 teams play in the NFL.