

Short Report: Identifying Words through Similar Meanings

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In starting this project, I carefully looked at the problem we needed to solve and went through the information provided. At first, I thought about applying named entity recognition in the text, but I realized something different about this task: instead of exact words, we needed to find words that meant the same thing. This made me think of a different way to approach the problem using something called a "similarity search."

Using the information I gathered, I understood that the usual named entity recognition models we have couldn't help us directly because of this unique aspect of finding words with similar meanings. So, I decided to learn how to make my own special model for this job. It was a bit new to me, but I learned a lot by watching videos and reading blogs.

Once I understood how to create the custom model, I moved on to the next step. I wrote a code that could search for words with similar meanings to make a new set of data. This part was a bit easier, and I managed to create the dataset successfully.

After putting all the code together and testing it times, I finally finished everything. The end result was quite good.