# NLP Website Crawler

For this project, I chose to crawl the internet for information about fiber optic cables. My knowledge base includes a pickled dictionary of sentences relating to certain key words. These keywords were defined by counting the frequency of their occurrence in sentences.

A sample chat I’d like to have is this:

Q: “What are fiber optic cables?”

A: “A fiber-optic cable , also known as an optical-fiber cable , is an assembly similar to an electrical cable , but containing one or more optical fibers that are used to carry light.”

Q: “How do fiber optic cables use light?”

A: “Invisible infrared light (750&nbsp;nm and larger) is used in commercial glass fiber communications because it has lower attenuation in such materials than visible light.”

Text

Description automatically generated