

Summary

Throughout this course, I've been able to strengthen my skills with Python and get acquainted with NLP. I've learned many things in NLP such as how to build a web crawler using data scraped from the internet. Another thing that I learned was different ways to calculate the probabilities of words in sentences. For example, I learned how to calculate probabilities with unigrams and with bigrams. Another skill I learned through this course was different ways to parse sentences which I think could be helpful for me in the future. My enthusiasm for NLP stems from my interest in the fields of machine learning and artificial intelligence. NLP is used in most advanced applications within the two fields. I don't have any specific projects planned using NLP but I think it could be interesting to expand on the chatbot assignment and use more NLP techniques than I did originally. I think it would also be interesting to experiment further with how I could implement spellcheck and autocorrect in further projects. It would be pretty hard to learn everything that happens in the field of NLP. However, I think that keeping up with major advancements with chatbots, like ChatGPT, and artificial intelligence in general could allow me to keep up with some advancements in NLP. Since my favorite language to program with is Python, I could see a lot of my future career choices involving NLP. For example, I could see being a machine learning engineer and having to use NLP.