ASSINGMENT : DATA SCIENCE INTERN

**Background Provided - Need to benchmark our Network Security Program CND (Certified Network Defender) AGAINST our Competitor (CompTIA) whose 2 offerings (CompTIA Network+ and CompTIA Security+) - clearly dominate the space. What is interesting is that both of CompTIA?s programs attack our flagship program CEH (Certified Ethical Hacker) even though they're not relevant comparisons**.

My research started by using Google as a base platform to gather information about all the courses mentioned in the background. As all of them are network security certifications I wanted to see comparisons between certification provided by EC-council and CompTIA. I found many comment of different bloggers who inclined towards CEH as the first preference and later mentioned CompTIA. I have observed that the order or priority of certification does not change with the authors.

I have written a python script which will scrape relevant text from multiple websites from a relevant google search. The script gathers data from various websites and creates a final csv. I used google as a base website because most people sought google and bloggers to be a very great source of information.

I have observed why CEH is compared with CompTIA certifications and also why CND is not as preffered. I am sharing the python script and the csv generated from the script. Further analysis and cleaning of the CSV is a great way to understand the trend, blockers and requirements of people by doing Sentiment Analysis on the messages and using order as a priority indicator.