Project 1

Sentiment Analysis on Customers review

1. Python Packages for web scraping - Selenium, BeautifulSoup, Scrapy (Can use any python packages)

2. a) Collect the data using web scraping with the help of python packages.

   (You can scrape 7000 review or more than that)

   b) Store the reviews along with relevant metadata such as product information, ratings, and review dates etc.

3. Instantiate Model (You can use any pretrained model from Huggingface For example -BERT)

   Make sure each group are supposed to do with different model for sentiment analysis.

4. Encode the review and then Calculate the sentiment

5. Convert into Data frame using Pandas and analyse the sentiment score for each collected review (This means that the resultant data frame must

   contain review and sentiment as columns).