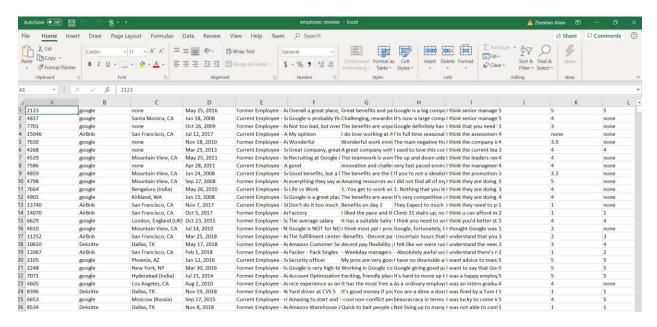Zeeshan Alam
1001577559

Development Phase I: Search

Dataset:

Implementation:

I have used inverted index for the search engine. An **inverted index** is an **index** data structure storing a mapping from content, such as words or numbers, to its locations in a document or a set of documents.

Challenges:

I had to switch from the mobile application to the python web application because I was using Windows Home which does not allow Hyper-V support therefore, I was not able to run emulator on the Visual Studio, I was using Xamarin. I had to follow Django documentation to learn Django and setup the web application. I also faced challenges in the deployment of the web application.

Heroku Link:

https://dmsearch.herokuapp.com/

References:

https://medium.freecodecamp.org/how-to-process-textual-data-using-tf-idf-in-python-cd2bbc0a94a3
https://towardsdatascience.com/tfidf-for-piece-of-text-in-python-43feccaa74f8
https://scikit-learn.org/stable/modules/generated/sklearn.feature_extraction.text.TfidfVectorizer.html