**ReadMe for InfEx2020**

Please note that you need to install the libraries below on your pc, before running my program!

**Libraries:**

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| * Pandas * Numpy * Nltk * Spacy * StanfordNLP * Itertools * PytextRank * Re * bs4 or BeautifulSoup * Collections * Geotext * Json * String * Os * Sklearn * En\_core\_web\_sm * StanfordOpenIE * Glove Embeddings(glove.6B.300d.txt) |

Also, for the glove embedding: You need to go to : <https://nlp.stanford.edu/projects/glove/>

and download “glove.6B.300d.txt” file and save it inside “Code” folder.

Place your files in *“Dataset”* folder. The all 3 Input files shown below will take all the files in this folder as input and output files of the format “*relationship\_docname.json*”, corresponding to each input file. (Note: docname is the name of files in the folder.)

I have ***3 separate files*** for each relationship as follows:

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| **Input File 1**: *final\_buy.py* 🡺 Run this to see buy relationship results.  **Output File 1**: *buy\_docname.json*  **Input File 2:** *final\_work.py* 🡺 Run this to see work relationship results.  **Output File 2:** *work\_docname.json*  **Input File 3:** *final\_part.py* 🡺 Run this to see part relationship results.  **Output File 3:** *part\_docname.json* |