NodeLink Folder structure:

- Dataset
  - com-amazon.ungraph.txt ,   This is the given dataset
  - Filtered-data-nodelink.csv,   This is the data after preprocessing , which is used in gephi.

- Images
  - Contains all the figures related to NodeLink visualization as per the report.

- Preprocessing-code
  - node-link.py   ,   python script written for preprocessing.
  - node-link.ipynb   , This is the code written for preprocessing.

- NLgephii.gephi
  - The gephi project file in which all the visualizations are plotted.

Instructions to use NLgephii.gephi:

To use the gephi code ,
- Install gephi from here [download](#)
- Save the submitted NLgephii.gephi file locally in the device.
- Open Gephi.
- Go to FIles >> Open >> NLgephii.gehpi
- We can find the visualizations in workspace.

Dependencies to be installed to run node-link.py and node-link.ipynb:
- Pip install pandas
- Pip install networkx

Instructions to run node-link.py:

- Download the dataset com-amazon.ungraph.txt from the dataset folder.
- Download node-link.py from preprocessing-code folder.
- Make sure that both of them are in the same directory.
- Save and Run node-link.py.
- We will get the preprocessed "Filtered-node-link.csv" file.