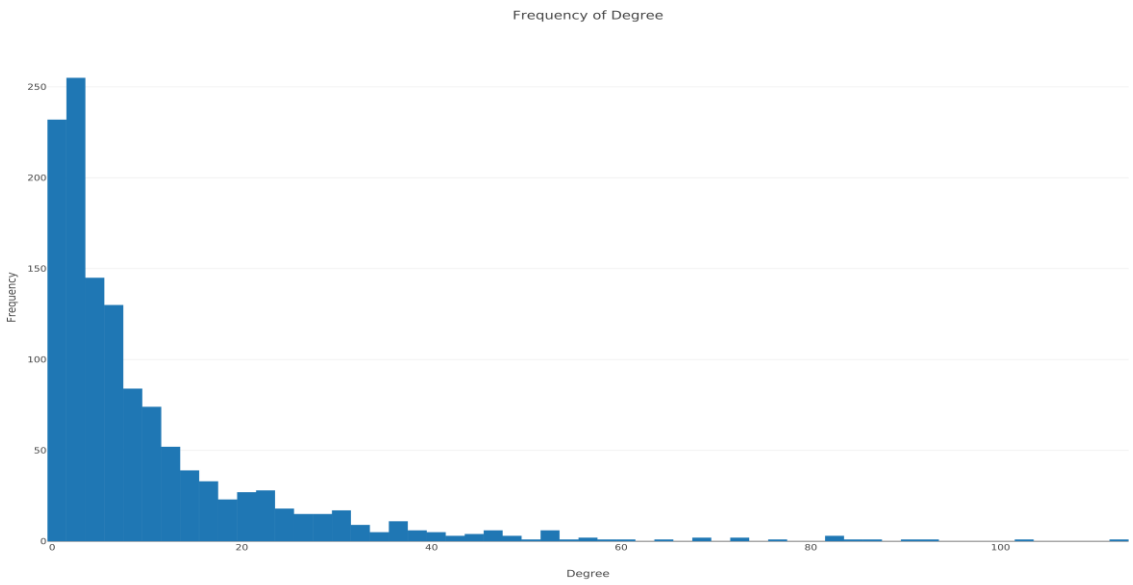
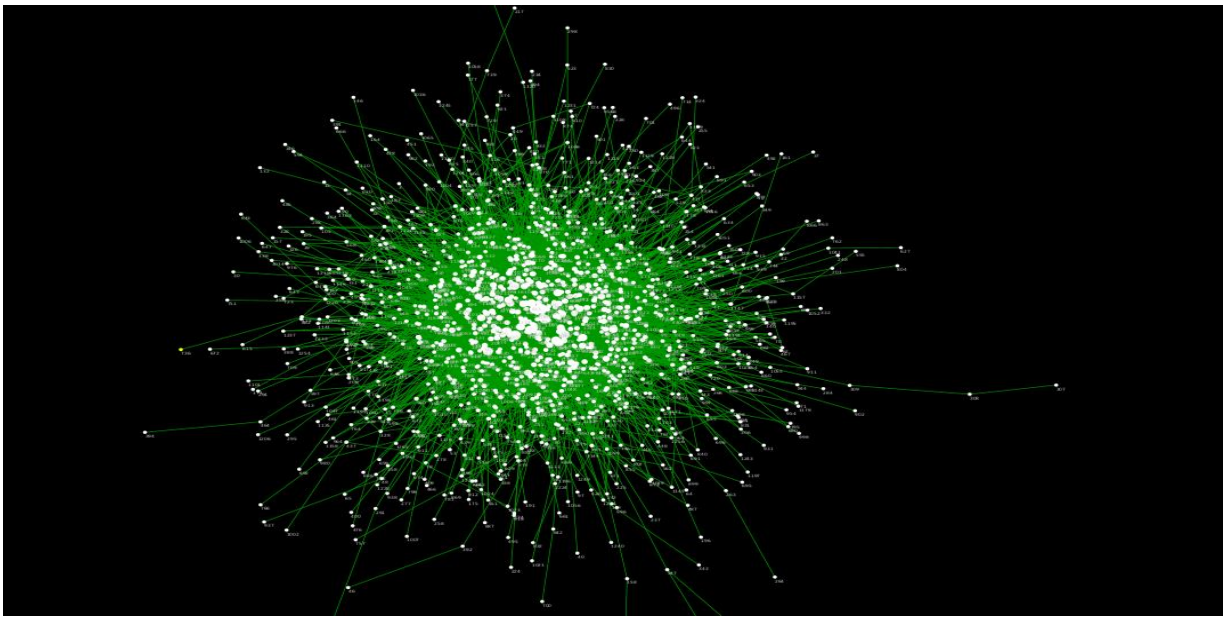
SNA Assignment 1 Solution

Tool Used - Cytoscape

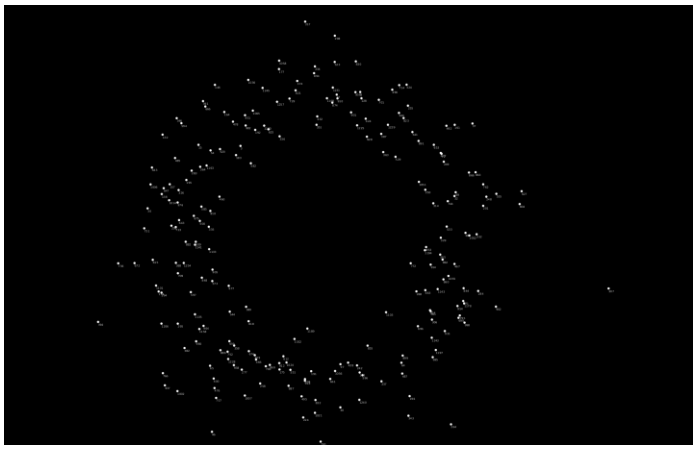
Part B

1. Degree Distribution of graph

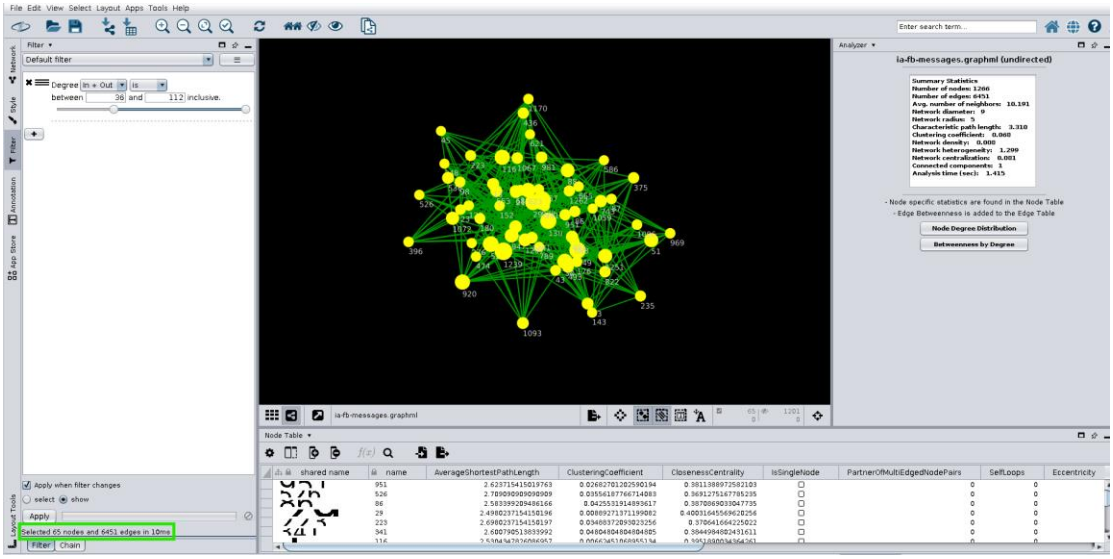




2. Bottom 10% of nodes and the connection among them.



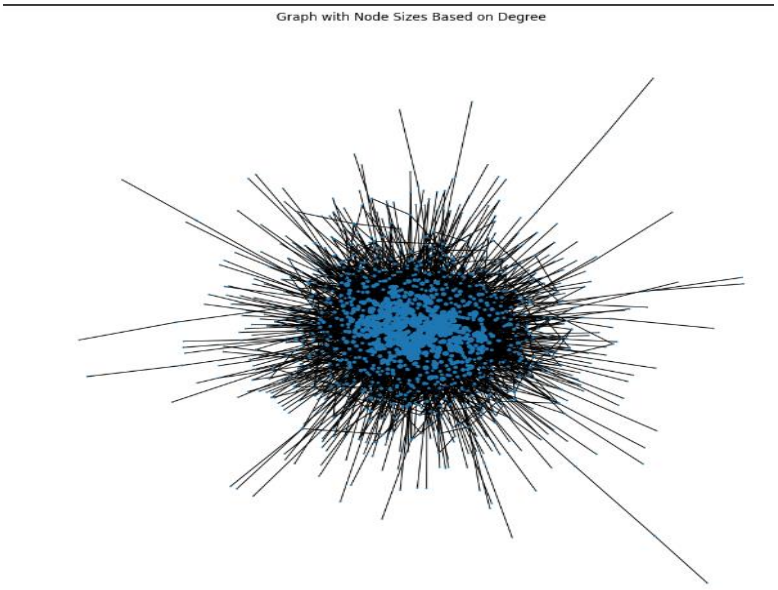
Top 5% of nodes and the connections among them.



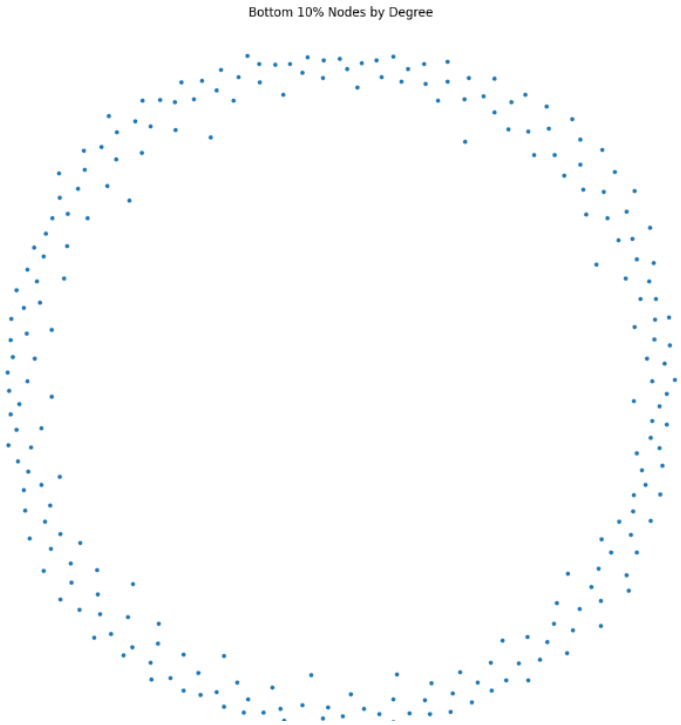
3. Size of connected component

Part C (Code in Python)
https://colab.research.google.com/drive/1P1ZpobT07-3KXiRK0REkp8pOxn4gA1EP?usp=sharing

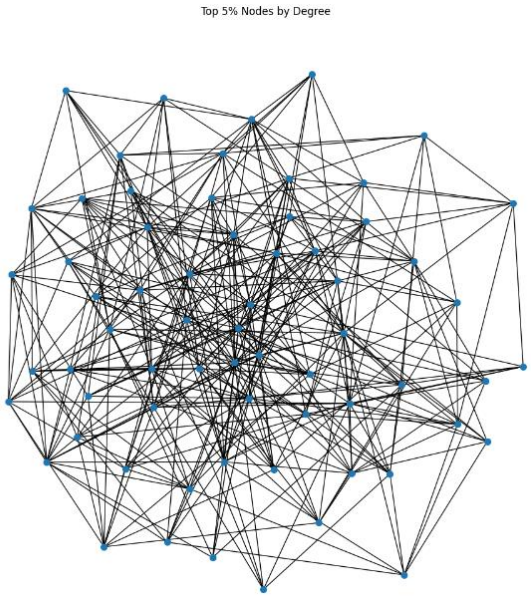
1. Degree Distribution of graph.



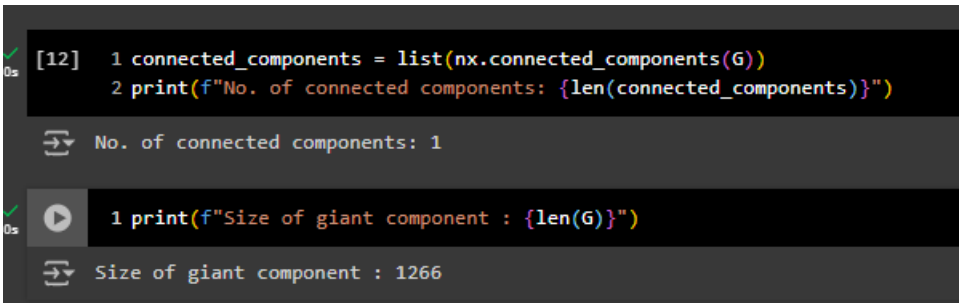
2. Bottom 10% of nodes and the connection among them.



3. Top 5% nodes and connection between them.



4. All the connected components of the network.



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