Dataset details:

https://snap.stanford.edu/data/soc-Slashdot0902.html

Slashdot is a technology-related news website known for its specific user community. The website features user-submitted and editor-evaluated current primarily technology-oriented news. In 2002 Slashdot introduced the Slashdot Zoo feature which allows users to tag each other as friends or foes. The network contains friend/foe links between the users of Slashdot. The network was obtained in February 2009.

Results of the queries are as follows:

The insights we get from this analysis are as follows: -

1. Nodes 4805, 381, 226, 2494 and 226 are the top 5 nodes in number of incoming and outgoing edges. These are highly connected nodes ie., these users have high number of friends / foes.

2. So accordingly, nodes 2494, 381, 4805 have the highest Pagerank values - which makes sense as Pagerank considers the number of incoming edges to the nodes.

3. Almost all the nodes in the dataset are connected to each other. The component with the highest number of nodes has 71,307 nodes which is around 87% of the total users present.

4. Users 49, 195, 398, 1723 and 342 have high number of mutual friends as these nodes are the ones that have the highest number of triangles passing through them.