**Data set 1**

Less than 5k Data- Directed, Temporal, Weighted, Signed

**Bitcoin Alpha trust weighted signed network**

<https://snap.stanford.edu/data/soc-sign-bitcoin-alpha.html>

About Data Set- This is who-trusts-whom network of people who trade using Bitcoin on a platform called Bitcoin Alpha. Since Bitcoin users are anonymous, there is a need to maintain a record of users' reputation to prevent transactions with fraudulent and risky users. Members of Bitcoin Alpha rate other members in a scale of -10 (total distrust) to +10 (total trust) in steps of 1. This is the first explicit weighted signed directed network available for research.

No of nodes- 3783

Type of file- csv

**Data set 2**

Directed Graph

**Wikipedia Talk network**

<https://snap.stanford.edu/data/wiki-Talk.html>

About Data set- Wikipedia is a free encyclopaedia written collaboratively by volunteers around the world. Each registered user has a talk page, that she and other users can edit in order to communicate and discuss updates to various articles on Wikipedia. Using the latest complete dump of Wikipedia page edit history (from January 3 2008) we extracted all user talk page changes and created a network. The network contains all the users and discussion from the inception of Wikipedia till January 2008. Nodes in the network represent Wikipedia users and a directed edge from node i to node j represents that user i at least once edited a talk page of user j

No of nodes- 2394385

Type of file-txt

**Data Set 3**

Undirected, communities

**Youtube social network and ground-truth communities**

<https://snap.stanford.edu/data/com-Youtube.html>

About Data set- [Youtube](http://www.youtube.com/) is a video-sharing web site that includes a social network. In the Youtube social network, users form friendship each other and users can create groups which other users can join. We consider such user-defined groups as ground-truth communities. This data is provided by [Alan Mislove et al.](http://socialnetworks.mpi-sws.org/data-imc2007.html)

We regard each connected component in a group as a separate ground-truth community. We remove the ground-truth communities which have less than 3 nodes. We also provide the top 5,000 communities with highest quality which are described in [our paper](http://arxiv.org/abs/1205.6233). As for the network, we provide the largest connected component.

No of nodes- 1,134,890

Type of file- txt