CS 225 Project Goals

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Summary

For our project, we will use the ego-Twitter dataset available from the Stanford database. This dataset is an unweighted directed graph which includes features like user profiles, circles, and ego networks. We will be using Dijkstra's algorithm to take two nodes (Twitter users) and find the shortest path between them. Using the Betweenness Centrality algorithm, we will find centrality measures for each of the nodes based on their connections to other users. This algorithm will also use Dijkstra's algorithm in order to find the shortest path.

Traversals

- BFS (Breadth First Search)

Covered Algorithms

- Dijkstra's Algorithm

Complex or Uncovered Options

- Betweenness Centrality

Dataset

- Twitter data set
    - http://snap.stanford.edu/data/ego-Twitter.html