CIS 310 Analysis of Networks
Project 2

Objective

Demonstrate the ability to use many of the skills learned this far in the semester, in particular to look at real world phenomena and model those phenomena as networks of nodes and edges.

Overview

Find a social network of interest and do some simple analysis. The analysis consists of deciding what to study, doing the calculations and making conclusions from the analysis.

Process

- Search for and acquire a data set
- Discuss the nature of the network, theme, links and attributes, how it was built
- Describe how the network formed and the formation type
- If the network you have chosen can be studied using Netzer:

    o convert to list or adjacency matrix as needed

    o decide on and calculate metrics
- Analyze results
- Discuss results and how data can be used
- Any other knowledge or insights gained by doing the analysis

Report

As part of the project you are required to turn in a two page paper. The paper should provide details of all the steps above. Besides the conclusions you can also suggest future work, that is, more sophisticated analysis that would yield a more thorough understand of the network.