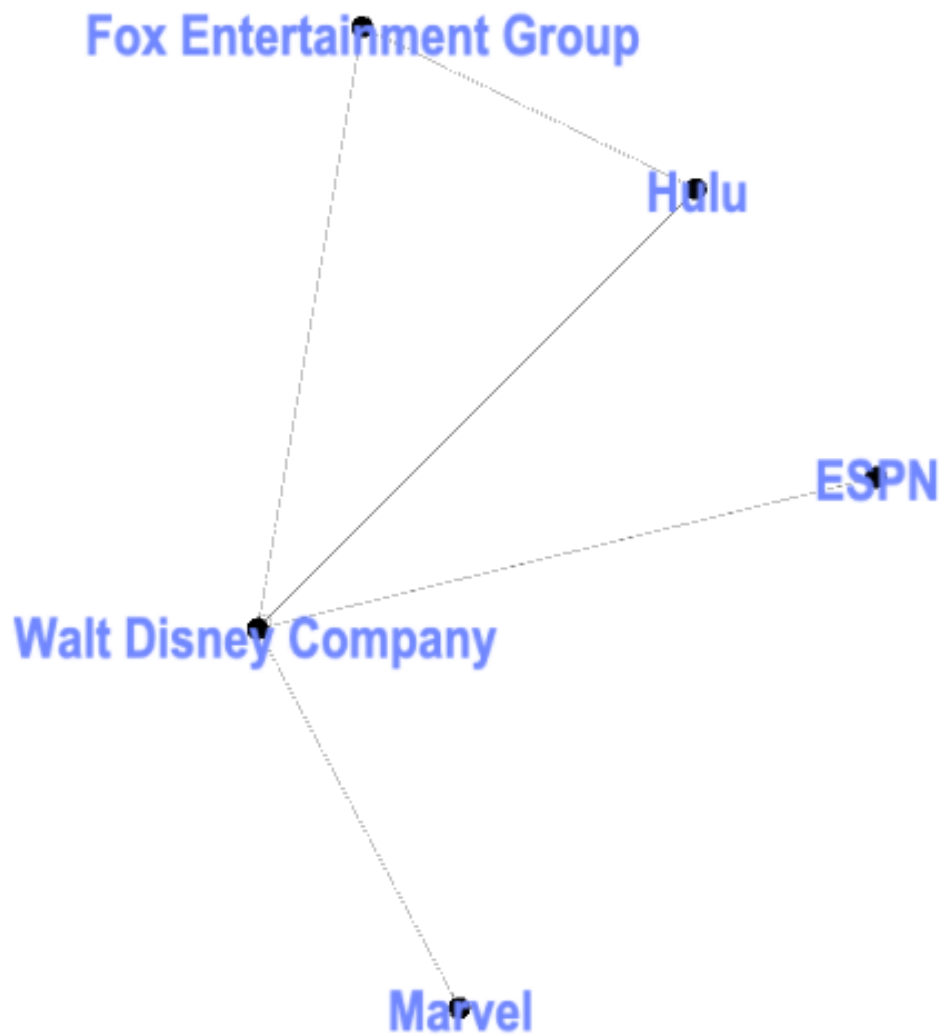


## Lab 06

1. In this exercise a Node refers to the to and from twitter handles, the edge refers to the connection between them.



This has 5 nodes and 6 edges describing the ownerships of the Walt Disney Company.



edges between all node pairings. Modularity delegates a network into modules to determine the strength of division. The higher the modularity, the denser the connections between nodes within modules.

- a. The values in this project are:
  - i. Average Degree is 1.028, Network Diameter is 5, Graph Density is .001 and Modularity is 0.842
- b. This is an example of a random network. Each node can form an edge and each node has around the same number of connections.