Dots and Lines

In a network of associated, central connections, lies a clear set of relationships between given points of the nexus and the sister nodes affiliated. To further demonstrate the proposed relation between node location and node value, a thorough and comprehensive example can be expressed through the management chain of a successful, nationwide-based corporation. Using business titles and descriptions, we were able to form a complex, yet feasible chain of command using the supplied social network chain. To explore and explain the extensive web using the corporate interpretation, we delved into the specifics of the true positions that power holds.

A functional body operates properly through the combined processes of individual sectors that control and execute designated tasks. To bring the concept into the physical world, a comparison was made between the supplied network and a sprawling business organization. In the business realm, secured power and relative importance go hand-in-hand to a certain extent. For instance, in the provided illustration, Janet would hold the position of Chief Executive Officer or CEO. In this role, she would have secured power over the entire business, but only be in direct connection to the Vice President, Ian. Ian’s position provided the link between the Chief Executive Officer and the Department of Human Resources managed by Haley. The Human Resources node was a key and central point in the sprawling network as it bridges the higher management to the hexagonal cluster. Human Resources was in charge of identifying current and future staffing needs for many departments, such as the Branch Management wing administered by Garrett and Frank. Both played a key role in supplying Human Resources with information regarding staffing needs and staffing changes. The strands then diverge into seven possible directions, which all stemmed from Frank and Garrett. The two could work together to find solutions for company-wide concerns, also being able to collaborate with others. The Regional Supervisor, Dawn, was in charge of giving instructions to numerous sub-sector directors. This gave the Regional Supervisor extensive power over the directors including Marketing, which is managed by Christine. Distribution was supervised by Alex and Information Technology was managed by Barbara, while Manufacturing & Production was overseen by Eli. All of these sub-sector contacts hold power in their respective sector, but do not have a wide range of influence throughout the company.

There were four specific nodes within the web that held the most powerful positions in the chain: Haley, Garrett, Frank, and Dawn. Haley’s major role as Human Resources maintained the stable connection between the upper and lower management of the corporation. The two Branch Management directors, Garrett and Frank, held key positions in supplying Human Resources with vital details and information pertaining to the company staff. Lastly, Dawn, the Regional Supervisor, was a central node connecting the sub-sector directors with the Branch Managers. Of the four nodes identified, Haley’s node, which described Human Resources, was central in maintaining the links in the network.