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CIS 3120
Project 2: Part 2
Report

Project Two - Part B - Part 2
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In both articles it speaks about the workforce of data analysts. It also spoke on how the industry as a whole has moved onto technological advances, and if you don't want to fall behind you should invest into talent now before falling short. Both articles also describe the methodology of what process they underwent to achieve success. Whether it was algorithms, assessing valuable data, grouping data scientists, and so forth. One aspect of many that is common in both articles is the perception of data science/analytics. There is much more than just a numerical aspect to data science or analytics. It goes beyond just the mathematical portion of the data. Data science/analytics is based on statistical analysis derived from data, but like many other things, there are external factors that affect the data. Knowing how to read the data, being able to explain it to a business executive. In addition with external factors, it is based on the context of the data. In the article *"Competing on Analytics"* it explained that data scientists are: "People with expertise in math, statistics, and data analysis who can also speak the language of business and help market their work internally and sometimes externally."(*Competing on Analytics*, Davenport). They also explained that:"We want them sitting at the business table, participating in a discussion of what the key issues are, determining what information needs the business people have, and recommending actions to the business partners."(*Competing on Analytics*, Davenport). In the other article *Data Scientist: The Sexiest Job of the 21st Century,* they elaborated "That they need close relationships with the rest of the business. The most important ties for them to forge are with executives in charge of products and services rather than with people overseeing business functions." (*'Data Scientist: The Sexiest Job of the 21st Century'*, Davenport & Patil). In the quotes above, from the articles they explain that data analysts play a crucial part in the decision making process. Especially when they would like to speak with executives, they play a key role in making the business run, that their position should also be side by side with the meetings. As analysts or scientists, we not only need to run the numbers, but we need to understand the business model of the organization. More especially as a data scientist and hard to find with impeccable talent. That is another factor, that they speak in both articles, that having the talent there should be valued because their positions are in demand. One of the negatives about this position is that it is constantly changing or improving. Whether you're a company who is scared to jump on the next technology, or you're a worker who knows outdated systems. As this aligns with my current job search, I am still quite unsure what realm in data I would go into. Many people go into analyst jobs and from there move onto software engineering. Data is such a big field to go into, but it makes me feel at ease to know what I learn at school can be applied to my next opportunity.