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Assignment 4-2

IT-515

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For our company we will start by creating an in-depth Regression Analysis. This is when we can determine with great estimates what how the numbers are going to perform based on the data that we currently have. We will be able to tell what the sales that we currently have are and where they will be at based on what we have so far in our holograms. We can also predict stakeholder outcome with this analysis. We will be able to see which variables have an impact on what within our company. This will narrow down our field of what needs to be worked on. The truth is that we have a large possibilities that we could go with when creating these new holograms and we need to find which has the largest potential.

Next, we will setup linear programming for our company. This is how companies double check how to achieve goals. Better spoken linear programming is a quantitative method that determines how to receive an optimal solution. This will help us determine the best route of action that should be taken to achieve our goal. We are trying to redesign holograms and we need to have the fastest route to that goal possible to keep our shareholders happy.

Finally, we will use data mining. This is the combination of computer programming skills with statistical methods. This is a very powerful tool, being able to create models of our data and seeing them from a different point of view than we normally have will serve as very helpful. Data mining is mainly used to view large sets of data to find patterns or correlations in between things. This will help us find repeating things that we are building or creating that might not need to be created which could save us time in the creation of our new holograms. Quantitative analysis is the use of mathematical and statistical techniques to grow a business. Although these are just a few methods we have an unlimited about of things at our disposal with new creations built every day in the software world.

Reference:

*Quantitative analysis*. Corporate Finance Institute. (2022, February 25). Retrieved April 14, 2022, from https://corporatefinanceinstitute.com/resources/knowledge/finance/quantitative-analysis/