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Module 3 Assignment

Data Quality

Good data quality is necessary for success in our company, and I will explain why. What is data quality? It is a level of how useful and vital the information is. Bad data quality can mean something is wrong with the data or it is irrelevant to the purpose of analysis. High data quality means that it is useful, accurate, can be used for analysis, and it will provide reliable results we are seeking.

The purpose of data quality is ensuring that the results we receive will be reliable and reduce, if not prevent, any errors in our findings. For example, if the findings in a financial report are inconsistent, that may be because of inconsistent data, currency of the data, and unclear data definitions (*Data Quality - What, Why, How, 10 Best Practices & More*). Not receiving the proper, consistent results from a financial report may also result in dealing with severe incompliance consequences. Which is why it is important the data we are using are of good quality, so we can get accurate, viable, and useful results and avoid any dire consequences.

There are several things each department should or should not do to help preserve data quality are:

DO: follow any data quality guideline, ask questions, and the most important thing you can do is communicate with other departments (especially those who work with data).

DON’T: manipulate any data if that is not your job, change any type of formatting unless you were told by a data professional to do so, ignore any guidelines (as they are there to help you ensure you are following the data quality protocols).

References:

*Data Quality - What, Why, How, 10 Best Practices & More*. Profisee. Retrieved May 21, 2022, from <https://profisee.com/data-quality-what-why-how-who/>

Technics Publications, LLC. The DAMA Guide to The Data Management Body of Knowledge (DAMA-DMBOK Guide). Retrieved May 21, 2022, from <https://learn.snhu.edu/d2l/lor/viewer/view.d2l?ou=6606&loIdentId=24443>