

Term Project Milestone-5
Identify Dataset
Of Digital currency

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Summary and Ethical Implications

"An "ethical implication" is an ethical consequence of an action. To analyze the "ethical implications" means to look at something from a moral point of view. The concept of "Ethical Implications" is useful for people who work within policy. Also the responsibility of an ethical data visualizer is to create the best while doing the least harm. As such, conveying honest and relevant information increases a person's understanding, and increased understanding and knowledge positively correlates with personal well-being.

This content of the course curriculum has been developed in such a way to learn lot on each milestone. Again lot of reinforcement of new concepts has been published as a result in each week's assignment submissions. Learning about Web scraping and its usefulness also how to do the challenging ecommerce business with these kind of conceptual logic was really amazing to learn.

Thank your professor for setting up the DSC540 course content according to the market trend to learn about various visualization charts through matplotlib library available in Python was also fascinating.

During the final milestone-5, It was really challenging to create visualizations that have data from more than one source. We had to go through various types of joins available in SQL to get fields from different sources of crypto data in order to make it work cleanly with the SQL database. This was kind of good learning, because it kept some of the other things I've learned fresh, while also learning some of the ins & outs of working with databases.

Based on the analysis of datasets considered for Digital Currencies, I see the price fluctuations for all the times frames (1 hour, 24 hours, 30 days, 90 days and 1 year) are comparatively high which makes investment not feasible to all the investors. The same is depicted in all the visualization charts shown above. The investors having high risk tolerance and appetite only can invest in Digital Currencies assets which is proven with the current market trend after the covid pandemic market situations.

There were so plenty of tables one for each digital currency in the web page and it was like very difficult in pulling the data using Beautiful soup. I had to come up with a function to loop through the number of tables to process the data for each of the cryptocurrency."