Progress report 2

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Our datasets

We retrieved our data from Kaggle.com, a crowdsourcing platform for data analytics. For now, there are three datasets we retrieved from Kaggle. The first is on the market capitalization of cryptocurrencies. This is respectively the total value of a cryptocurrency. Second, there is dataset containing various variables on Bitcoin, and third a dataset containing various variables on Ethereum. Let's analyze each dataset.

Market Capitalization

A table, in which the items are types of cryptocurrencies. The attributes are respectively market capitalization, price, circulating supply, volume, and their change in the last 24 hours. This dataset is only for a single date. For the final visualization, we would need a different timeframe, streching multiple years starting in 2013. The dataset is static.

Bitcoin and Ethereum

Again two tables, but in this case the items are different dates. The timeframe for both datasets starts when the crypto currency was launched and and goes on until the date we downloaded the respective datasets. For both datasets, the attributes are its open, closing, highest and lowest price, as well as its volume and market capitalization. We chose these two currencies because these are the most prominent ones, and thus the most relevant to analyze in our visualization.