Part 3, progress report, DSI East Capstone

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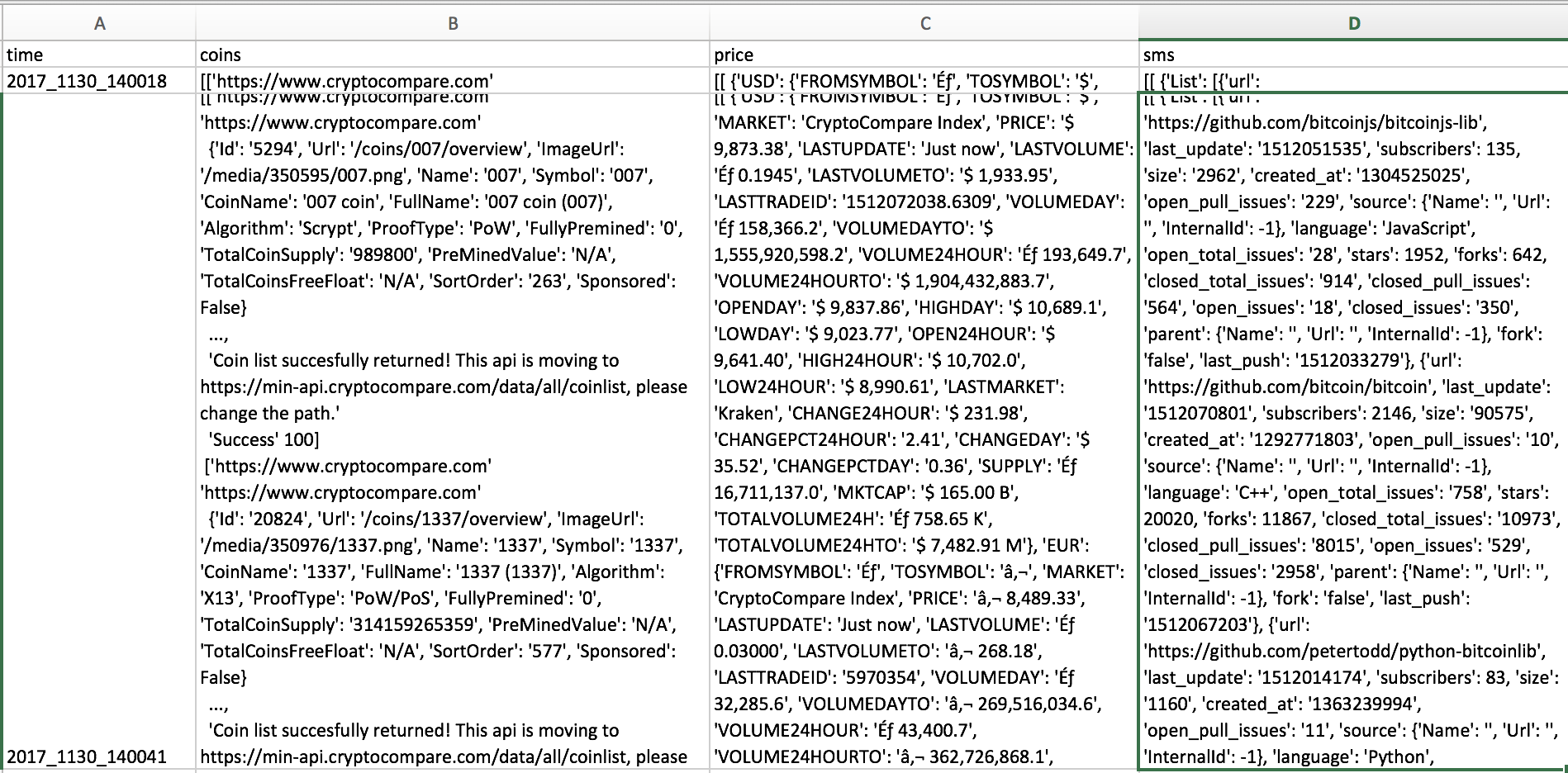
My approach is to use as little cryptocurrency data as possible to tell the best story. Currently my challenge is saving all the data to a database, there is no historical social media information that I can find so I need to build my own database. There is no key or Oauth for the API and the limits are quite high. I am saving current coin prices (for the top 10 or so coins) along with their social media scores (aggregated from reddit, twitter, facebook, github, & crypto exchanges)

Second limits:

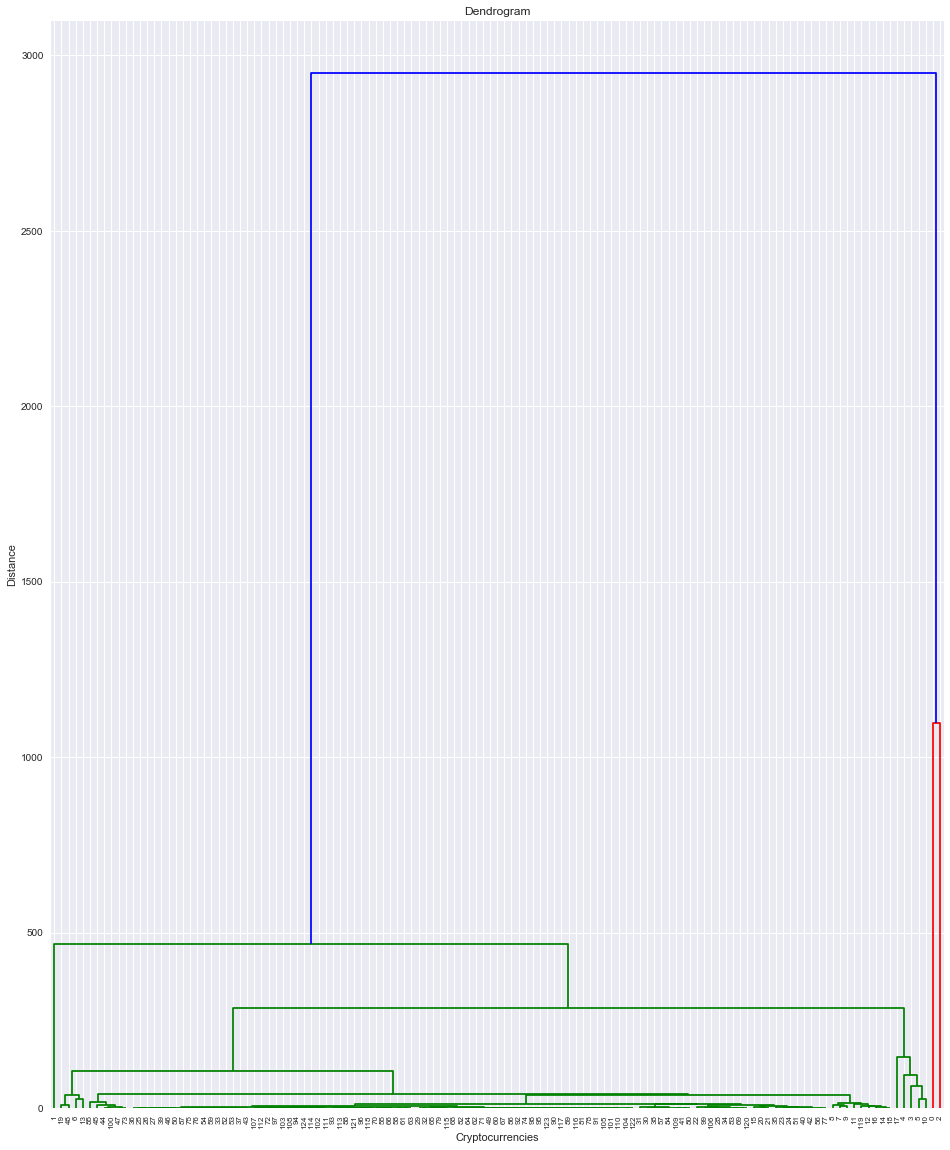
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Hour limits:

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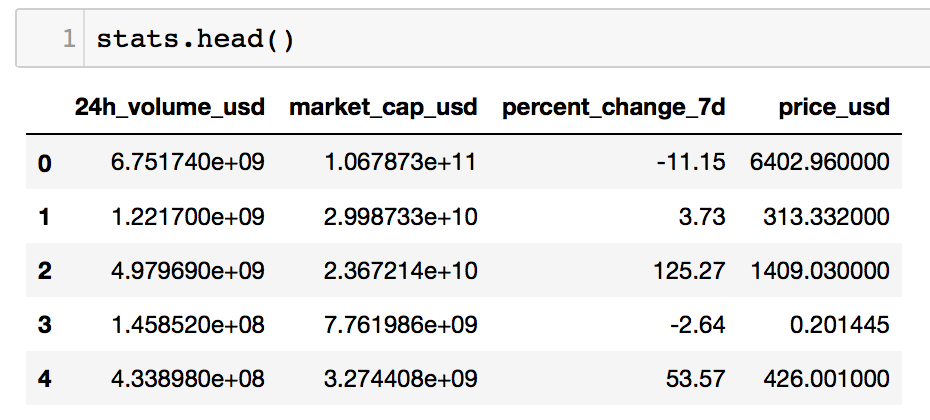


Initial results:

Results have been slow, yet I have already used multiple clustering methods to group coins, Bitcoin & BitcoinCash are always node 1. I will have the database up and being fed data this week. The script is complete, need to refresh my AWS knowledge.

Statistical analysis:

This will be where I need to simplify the most. The current question is simply to compare social media metrics with prices. There is a single aggregate score available that adds and weights metrics from each different site. I may just use the one number.



Setbacks or lessons learned so far:

Setbacks are simply the scope of knowledge/skills necessary to complete a project. There more tools you are familiar with the better.