Data of Interest: Cryptocurrencies

Questions:

* Does good media affect the purchasing/selling of cryptocurrencies?
* Does bad media affect the purchasing/selling of cryptocurrencies?
* Demographics—is there a certain age group that purchases the majority of cryptocurrencies? (cryptocurrency is considered a youthful movement)
* Do world events such as acts of terrorism affect cryptocurrencies?
* Is there a certain type of day or time in which cryptocurrencies are purchased more?
* Did the cryptocurrency prices first increase and then the total number of media mentions increase as a result of price increases?
* Do the frequency of mentions on twitter have an affect on the prices/purchasing/selling of cryptocurrencies?
* Do the frequency of google searches have an affect on the prices/purchasing/selling of cryptocurrencies?

Possible Sources of Data:

* Google News API
* Google Finance
* New York Times API
* BOSS API (Yahoo News)
* Data.world (Cryptocurrency dataset by cnoza)
* Cyptocompare API (price data, social data, and historical data)
* Twitter API
* Google API

Example of summary:

Our project is to observe and identify trends within the cryptocurrency world. We will analyze historical and current data from various API sources to identify potential factors influencing the pricing, selling, or purchasing of cryptocurrencies. Cryptocurrency relationships between media, demographics, world events, and date/time will be examined.