Data visualization final project description

Name：The Rise and fall of Bitcoin
Link：https://yichenouyang.github.io/bitcoin/.

This project aims to visualize the price fluctuation of Bitcoin from 2017 to the end of 2018. The Bitcoin bubble started to grow rapidly in late 2017. On December 17 2017, the price briefly peaked at $19,511, before it began an epic plunge that loses approximately 82 percent of the value. But it didn't die though and recovered several times in 2018 for different reasons such as regulation release and new technology breakthrough in digital currencies. The motivation of this project is that I find it educational to reconstruct another crazy story in Wall Street or Silicon Valley, and the potential audience could be average investors or speculators.

The data is collected from the Blockchain web site, which keeps the historical information of price and transaction since 2009. When I prepared the data, I put all the historical price data into Excel, and found the date when the price had a sharp rise or fall, and then I search the date with relevant news.

There are two main parts in this visualization work. One is an interactive timeline demonstrating the fluctuation of price as well as some significant events. The other part is narrative text explaining the factors that have influences on the price. The factors include regulations enforced by governments, supply and demand change, new technological innovation and propaganda from media.