

## Capstone Project ideas from Shubo Zhang

### 1. Stock Analysis of Starbucks Corporation

Data: <https://ca.finance.yahoo.com/q?s=SBUX> ( Yahoo Finance)  
<https://www.statista.com/search/?q=starbucks> ( other statistics of Starbucks)

Idea: Besides conducting a time-series model to predict the trends of the stock, the rich datasets provide other valuable data that potentially affect the stock price, such as the expansion rate of Starbucks, the revenue and competition environment of Starbucks in Canada. Hence, I may use those data as the supplementary evidence to evaluate and predict the stock performance of Starbucks.

### 2. The effect of family factors on college students' health status

Data: <http://archive.ics.uci.edu/ml/datasets/STUDENT+ALCOHOL+CONSUMPTION>

Idea: There are several proxies of family factors in this dataset, such as the size of family, marital status of one's parents, educational support from family. I may simply use multiple regression to do this research. And the variable of health status is also reported.

### 3. The relationship between trade and growth in China

Data: <https://www.quandl.com/data/NBSC?keyword=>

Idea: From theories of economics, positive net export will lead to a wealthier country. However, how the trade will affect the growth rate at a nation level, industry-level or firm-level. Owing to the detailed dataset, I can combine a bunch of economics indicators, such as GDP, inflation, interest rate etc. to do this project.