

# Data\_manipulation

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*9/24/2019*

As part of our underwriting for IPO deals in 2019, it is important for us to asses previous data. For this project we compiled a list of 2018 IPO's listed in the US and China. The project at hand is to create visualization charts to for analysis and insights for report which will identify trends or correlative theories that may be taken into consideration based on the Data Provided.

## China

```
china = readxl::read_xlsx("2018 IPO in China & US(final).xlsx",sheet = 1)
colnames(china) = china[1,]
china = china[-1,]
```

## US

```
us = readxl::read_xlsx("2018 IPO in China & US(final).xlsx",sheet = 2)
colnames(us) = us[1,]
us = us[-1,]
```

**Chart 1 Industries - US - China + Combined**

**Chart 2 IPO Prices - China - US**

**Chart 3 - Investment Bank Underwriters - Combined**

**Chart 4 - Exchanges - Combined**

**Chart 5 - Locations of Business- Combined**

**Chart 6 - P/E Ratio - China**

**Chart 7 - Market Capitalization - U.S. - China**