**Setups and Configurations**

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## Data Source

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### Quandl (Current)

Link: <https://www.quandl.com/databases/WIKIP>

Email: katema2097@gmail.com

Usr: happinessmeow

Pwd: 41quandl

API key: GNw8NGcCx7Nsws6jzbMr

Python Package: Quandl

How to use it:

<https://medium.com/python-data/quandl-getting-end-of-day-stock-data-with-python-8652671d6661>

### Alpha Vantage

Link: <https://www.alphavantage.co/>

Email: katema2097@gmail.com

API key: LF51W0ZIJO1GEGFN

Python Package:

<https://github.com/RomelTorres/alpha_vantage>

How to use it:

<https://stackoverflow.com/questions/45314337/alpha-vantage-yahoo-fin-alt-pandas-dataframe-issue-days>

### Alternative Choices

<http://www.financial-hacker.com/bye-yahoo-and-thank-you-for-the-fish/>

### Secmaster (security master) Data

<https://www.nasdaq.com/screening/company-list.aspx>

1. NASDAQ

<https://www.nasdaq.com/screening/companies-by-name.aspx?letter=0&exchange=nasdaq&render=download>

1. NYSE

<https://www.nasdaq.com/screening/companies-by-name.aspx?letter=0&exchange=nyse&render=download>

1. AMEX

<https://www.nasdaq.com/screening/companies-by-name.aspx?letter=0&exchange=amex&render=download>

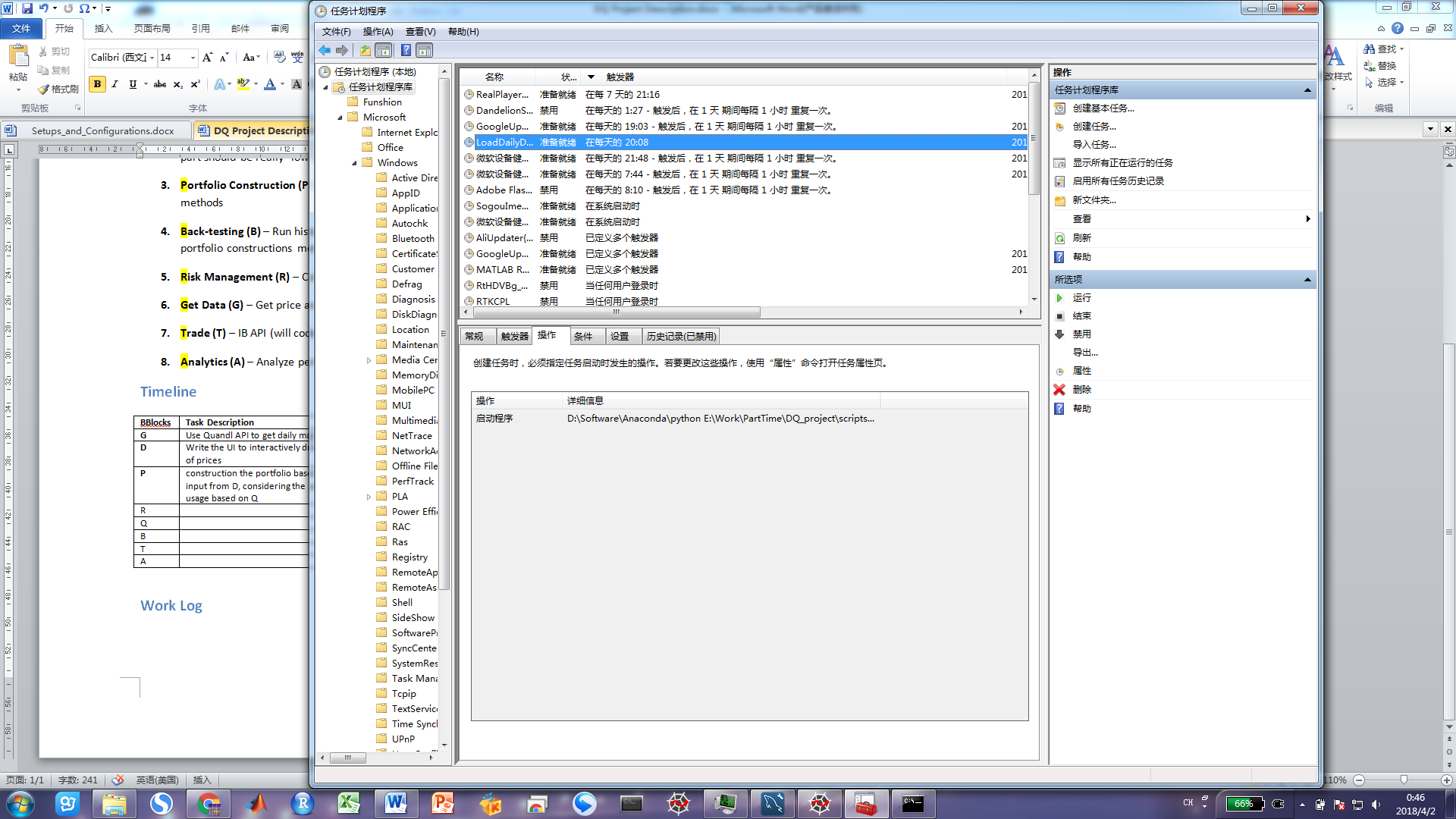
## Server Options

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### My PC (Current)

Windows 7

Used “Task Scheduler” to run the python script at 20:08:08 to load the data



### Google Cloud

### AWS

Email: katema2097@gmail.com

Usr: happinessmeow

Pwd: 41#aws

(not registered yet)

## DataBase

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### MySQL Workbench (Current)

1. Installed long ago on my PC
2. Python Package:

mysqlclient (import MySQLdb)

### KDB

<http://kx.com/download/index.php>

## Python 3.6

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### Setup

Installed from Anaconda (uninstalled later because it is not stable)

20180422 Installed Python 3.6.4 and Spyder3

### Important Packages

1. **Quandl**
   * + conda install quandl
     + import quandl
2. **mysqlclient**
   * + download <the\_wheel\_file>
     + pip install <the\_wheel\_file>
     + import MySQLdb
3. **bokeh**

* pre-installed
* Tutorials

入门<https://youtu.be/Mz1AXUE0nR4>

中等 <https://www.youtube.com/watch?v=GkysOB8_xsE>

官网 <https://mybinder.org/v2/gh/bokeh/bokeh-notebooks/master?filepath=tutorial%2F00%20-%20Introduction%20and%20Setup.ipynb>

Reference [https://bokeh.pydata.org/en/latest/docs/reference.html#](https://bokeh.pydata.org/en/latest/docs/reference.html)

1. statsmodels

- Installed the newest version of C++ Visual Studio to install the package