**Data Sources for Project**

Here is a suggested list of datasets for your project.

**Financial (Time Series) Data**

1. Federal Reserve Data download -- <http://www.federalreserve.gov/datadownload/>
   * My section maintains data on the “Financial Accounts of the United States” available at: <http://www.federalreserve.gov/datadownload/Choose.aspx?rel=Z.1>
   * The St. Louis Fed, economic data: <https://fred.stlouisfed.org/>
2. Data Market Time Series Data Library -- <https://datamarket.com/data/list/?q=provider:tsdl>
3. INFORUM -- <http://inforumweb.umd.edu/econdata/econdatacontents.html> (requires Inforum's database and regression package, G, to access that data)

**General Data**

1. [DATA.GOV](https://www.data.gov/) (U.S. Government’s open data) -- <https://www.data.gov/>
2. NBER <http://www.nber.org/data/>
3. UCI Data Repository -- Machine learning datasets -- <http://archive.ics.uci.edu/ml/>
4. 4: caesar0301/awesome-public-datasets -- <https://github.com/caesar0301/awesome-public-datasets>

**Panel Data**

R example of how to process: <http://dss.princeton.edu/training/Panel101R.pdf>

**Big Data repositories**

1. Data Science Central -- <http://www.datasciencecentral.com/profiles/blogs/big-data-sets-available-for-free>
2. Big data made simple -- <http://bigdata-madesimple.com/70-websites-to-get-large-data-repositories-for-free/>
3. Amazon Web Service (AWS) -- <https://aws.amazon.com/public-data-sets/>

**A worked example using the “Wine” dataset from UCI data repository**

See github lecture3:

1: PDF version

<https://github.com/wampeh1/ECOG_314/tree/master/project1/pdf/lecture3_project_guide_multivariate_data_analysis_example.pdf>

2: R Markdown version:

<https://github.com/wampeh1/ECOG_314/tree/master/project1/lecture3_project_guide_multivariate_data_analysis_example.rmd>