Project 2 Proposal

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Data sets

Two CSV files from (<https://www.kaggle.com/mattiuzc/stock-exchange-data>) with a description of the data as follows:

* Daily price data for indexes tracking stock exchanges from all over the world (United States, China, Canada, Germany, Japan, and more). The data was all collected from Yahoo Finance, which had several decades of data available for most exchanges.
* IndexData.csv contains stock exchange rates over multiple years for 14 exchanges
* indexInfo.csv contains the region, exchange name, and currency type used in the previous csv

Multiple CSV files from (<https://excelrates.com/>) that have the exchange rates over multiple years of various national currencies to USD.

Goal

To use Jupyter notebook and Pandas to clean stock market data set; remove unnecessary columns, unusable rows, shorten data to the appropriate time frame. Load the info data set to include location and currency information to our database. Use currency exchange data to convert all prices to USD values.

All data will then be stored into a Postgres database.

The use case for this data set is for future data analysis of stock exchange prices by region and date.