**Project 3 – Group 1**Grace, Farjana, Helen, Vivian, Charlotte

**Ideas and Steps**

JSON Data, something including finance and geographical data

Data Cleaning using Python

Uploading into SQL

Building a Flask API based on cleaned dataset – built off SQLlite file

* Use lat and long markers to highlight different countries/ places
* To display relevant data for that area
* CSS and HTML for making it work and pretty
* JS for interactivity
* Use a liver server to deploy

Dashboard:

Web scraping to get new data from OCED – top of dashboard

Spending by country   
Spending by year   
Spending by GDP  
Map

Charlotte- no SQL- some database with Vivian, and python data cleaning, sqlalchemy   
Vivian- SQL – database build + ERD   
Grace- Half data clean half flask API - matplotlib  
Helen- other half data – some flask -matplotlib-JS  
Farjana- HTML, Webscraping, rest of flask, CSS, JS. Final writer.