Data:  
  
The data is a sqlite database, unzip the file and use it to perform your analysis. There are two tables that exist, hs\_mapping and trade\_flow.

You can use whichever tools you would like to complete the exercise, but please maintain a Jupyter Notebook with completed answers.

You have 4 hours to complete the exercise. Using the internet and associated tools are acceptable but will be taken into account when your abilities are assessed.

Answer the questions

1. Describe the data and the structure of the database tables and perform initial data exploration.
2. What is the total import/export for each country?
3. What is the most frequent section (this exists in the mapping table) for each country?
4. How do the imports change from 2021 to 2022 for the US?
5. How do the exports change from 2021 to 2022 for the US?
6. Plot import and export on a country level for 2022.