**Research questions:**

* What specific question(s) do you have about the problem(s) you've identified?
  + Has trade already started to slow down in the region?
  + Has quality of life been affected by disputes?
  + Has military expenditure increased?
  + How many conficts occur each year?
  + Has China’s assertiveness increased?
* What data do you think will help you address the question(s)?
  + Trade statistics
  + Quality of life data
  + Military expenditure and dispute data
* What are your hypotheses? (i.e. what do you expect to find in the data?)
  + Increase in militariztion efforts in all countries.
  + Quality of life decrease
  + Trade increase in China.

**Data sources, analysis and visualization:**

* Narrow down your potential data sources. (e.g. data in CSV or XLSX format that can be analyzed computationally) - please cite your sources; include links; etc.
  + <http://data.un.org>
    - Population, Surface Area and Density
    - Total Imports Exports and Balance of Trade
    - GDP and GDP Per Capita
  + <https://milex.sipri.org/sipri>
    - SIPRI Military Expenditure Database
  + <https://data.worldbank.org/indicator/MS.MIL.XPND.GD.ZS?end=2021&start=2000>
    - Military expenditure (% of GDP)
* What variables are you interested in looking at …
  + Military Expenditure, GDP, Exports.
* What sort of analysis / visualizations will you apply to the data?
  + basic analyses (e.g. pie charts, bar graphs)
  + single-variable analyses (e.g. measures of center / spread; histograms, etc.)
  + multivariable analyses (e.g correlations; scatter plots)
  + change over time (e.g. line graph / time series)
  + see also: [cs 457 analysis & visualization overview](https://docs.google.com/document/d/1Yx-u_One9nHLN3oCsRITtGw6fGl94ht3bpKdLdbNBAU/edit)
* Do some analysis of your own in spreadsheets
  + [South China Sea Datasheet](https://docs.google.com/spreadsheets/d/1kFCOEHHUP3_D__2T1PEiARtVq-llvvl_qLk7Yvn5OUc/edit?usp=sharing)