The proposal is worth 20% of the individual project grade.  (Overall, the project is worth 25% of the course grade.)

Please limit your proposal to one (1) page only.

The project proposal is meant to be a one-page high-level view and does not need to contain technical details.  You can change elements of your proposal later if necessary as your project progresses.  The proposal is intended to get you thinking about questions you're interested in and how those might be answered with the kinds of tools we're exploring in this class.

If you did a 601 project and want to propose a 618 project that uses the same or related dataset, **please describe the differences between this proposal and your 601 proposal**.  The 618 project is much more oriented towards deeper analysis of a single dataset rather than demonstrating how to access, join and manipulate more than one dataset.

Proposal Guidelines (20 points):

1.(4 points) Choose and summarize a dataset.  Describe important properties of the dataset like: its format, main variables and their types, specific location (URL/URI) and access method.

2.(8 points) Name **four** interesting exploratory questions you could ask that you might explore in this dataset.

3.(8 points) For each of the four questions you gave in #2, describe (a) an exploratory data analysis method and (b) a possible visualization method that would help you explore answers to your questions.

You can propose an alternative project structure with prior approval from me.

Please submit your proposal as a PDF file with the name project\_proposal\_***youruniquename***.pdf