Draft Proposal Guidelines

You should use the following outline for your proposal, which shouldn't need more than about one page.  The proposal draft (which will be reviewed by your peers; see below) is worth up to 10 points; the revised proposal (which will be reviewed by the course instructors; also see below) is also worth up to 10 points.

1. Summarize your proposed project in a few sentences.

* What is your proposed project and why are you proposing it?
* What are the question(s) you want to answer, or goal to achieve?

2. Describe two different data sources you plan to access, manipulate and bring together.  The data sources must require different access mechanisms and/or use different data formats. (For example, you might pick one data source that uses a Web API that returns JSON, and the second might use SQL to query a database, or fetch and parse an HTML page.)

For each data set, you should summarize these properties:

* Name
* Short description (i.e., 1-3 sentences)
* Size (in records and/or bytes)
* Location (give the URL or other access method)
* Format
* Access method

# Data Set 1

## Name:

## Short description

## Size

## Location: <ftp://usgodae.org/pub/outgoing/argo>

## Format:

## Access method: FTP

# Data Set 2

## Name:

## Short Description

## Size

## Location

## Format

## Access method:

3. Describe with 1-3 sentences for each point below what data manipulation is likely to be needed:

* What initial processing will have to be done on each?
* How will you combine the datasets, and what will be produced as output?
* What new information will result from combining them?

4. Describe in 1-3 sentences one interesting visualization you could include in a final presentation and report that would show the value/answer a particular question in your final output dataset (that would not be possible with either of the original datasets alone).

5. Indicate the contribution that each team member will make to the project.