By this time, you should have a pretty good idea for your semester project. If not, you will need to nail that down this week. Just as a reminder, I have four ideas for you to choose from if you are totally stumped:

1. Using Federal Census data, generate a report on the change in demographics in zip code 61820 from 2000 to 2010
2. Using a database I provide access to, determine the trend of overchosen schools in Champaign Unit 4
3. Analyze posts on StackOverflow via [StackExchange](http://data.stackexchange.com/stackoverflow/queries)
4. Human Kinetics [job application](https://docs.google.com/document/d/1NPLChpnP5CmH6YGr_7gw0XF1u7z0ud6TTICZ5zkrTC4/edit?usp=sharing): sample sql database design

The next phase is to locate the data and become comfortable with your tool of choice (SQL Fiddle, mysql Workbench, Firefox SQLite Manager, etc).

Your assignment for this week is:

1. Start a public document (google docs, your own website, a free blog, etc); all the following tasks will go into your public document
2. Give your project a name
3. Describe why you chose this project
4. Give a one or two sentence explanation of the story you want to tell with the data
5. Identify the tables, rows and columns for the project they have chosen
6. Develop questions/observations about the data
7. Would it make sense to use either an index or constraints in the data? Explain
8. Share a link to your public project via the Cobra class discussion forum

You are encouraged to work together in groups. If you are confused about ***ANYTHING***, please ask (preferably in the discussion forum). The more questions you ask now, the more comfortable you will be later in the semester.