Group assignment

- **The objective**: practice working in a collaborative environment and produce a useful product.
- Form groups of 3 members.
- If you don't have a group, let me know and I will assign you to one.

- **The task**: create a dataset and useful functions which clients can use with the FBI's U.S. crime data set.

- **Due date**: April 18.

Group assignment

The data:

- Start at https://ucr.fbi.gov/crime-in-the-u.s
- Click on a year (e.g. 2016)
- Click on Crime in the U.S. 2016
- Click on "Offenses Known to Law Enforcement"
- Choose the table which contains the Crime in the United States by State. Note that the table number may be different in different years. In 2016 it's Table 3, but in 2011 it's Table 5.
- Click on "Download Excel"
- Do it for all the available years.

Group assignment

- Work as a team!
- Define tasks, make detailed plans with timelines and responsibilities.
- Choose a development model/cycle and project management style that you think works best for you (e.g., "waterfall", "agile", "sprints", "pair programing".)
- Choose your group's coding standards.
- Think about what to do if disagreements arise.
- Document the process (the project's objectives, the design of the system, test procedures, etc.)
- Make sure that your whole process is reproducible.
- Anything useful you learn from this assignment, you should implement in your own final project.
- Prepare for meetings with "management" (me)