

Thinking about data

- Data + Picture = a compelling way to tell a story
- Where we're headed
 - Think of a **graph** you'd like to produce – a “visualization”
 - And the **story** it tells
 - And the **data** that went into it
- Examples (links on *Topic outlines & links* page) [Gapminder]
- Questions about graphs
 - What did you learn, what is the **story**?
 - **What else** would you like to know?
 - Where did the **data** come from?
- Examples revisited, answer the questions
- Course projects
 - Course structure: tools, project
 - Opportunity to show off your skills (Projects directory of GitHub repo)
 - First step: develop project ideas (**ideas are developed, not discovered**)
 - What interests you? (finance? movies? soccer?)
- Idea machines
 - Start with an idea or subject (what interests you?)
 - Start with a dataset (you'll know more shortly)
 - Start with an example (see link on data page)
 - Start with a suggestion from the people you work with
- Three ideas
 - Put red sticker on your computer
 - Goal: write down three ideas, 1-2 sentences each (see handout)
 - Use your imagination, don't overthink it (improv: what's your name?)
 - Talk to your neighbors, bounce ideas around
 - Or look at the *Data sources* page of the course website
 - When you're done, switch to green sticker
 - Share an idea with the class, ask for suggestions for developing further
 - Save ideas for future reference
 - Optional: leave a copy with me

Data Bootcamp: Three Project Ideas

Write down three project ideas, a sentence or two each. We'll use them for class discussion. Save for later, they're a head start on coming up with a project idea.