# Data Storytelling Studio

course overview & asking questions

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# Agenda

- [15] Course overview
- [10] Homework pair & share
- [15] Crit practice
- [10] A process
- [10] Practice asking questions
- [20] WTFcsv question brainstorming activity
- [5] Homework review

Global temperature has increased 1.4° Fahrenheit since 1880.

# What's missing?

### Overview

Focus on mini-projects and small group work as the best way to learn.

- Finding and Telling Stories with Data
- Sketch 1: Charts and Creative Charts
- Sketch 2: Data Sculptures
- Sketch 3: Personal Stories
- Sketch 4: Maps and Creative Maps
- Sketch 5: Participatory Data Games
- Final Project Studio

Many readings are recent blog posts or articles.

see the course outline

&

read the syllabus

## Climate Change Data?

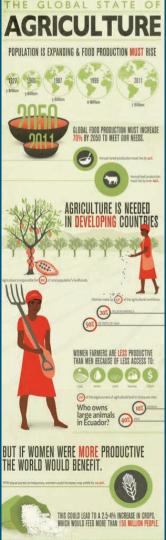
Information about the history, future, and impacts of climate change. This can relate to a broad set of topics - migration, sea level, unrest, tree cover, transportation, news reporting, and more. Think about your interests and passions and link them to this topic.

# homework pair & share

your visualization review

- introduce yourselves
- take turns describing what you reviewed
- focus on why you think the thing you found is or is not effective

# An example to think with



# Processes for Going from Data to Story

# What is a story?

#### Other models

**Infographic Process Wheel** 

Visualizing Impact

impact and RECEPTION Get the raw data CONCEPTION Z 0 0 the work compelling I quality story 0 7 - 5 SROM STORY TO VISUAL PRODUCTION

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#### The Inverted Pyramid of Data Journalism (complete)

Paul Bradshaw, Online Journalism Blog.com

#### Other models

The Inverted Pyramid of Data Journalism

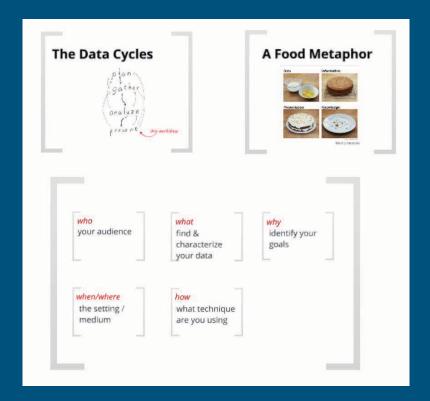
Paul Bradshaw

Compile Clean Context Combine Visualise Narrate Socialise Humanise Communicate Personalise Utilise

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## A process for working with data

- 1. asking questions
- 2. gathering data
- 3. finding a story
- 4. picking a technique to tell the story
- 5. trying it out



### A Process Model

brainstorming, hypothesis forming, audience and goals

Cleaning and analyzing

Assessment

Asking questions

**Gathering** data

Finding a story

Telling your story

**Trying it out** 

Scraping, collecting, cleaning

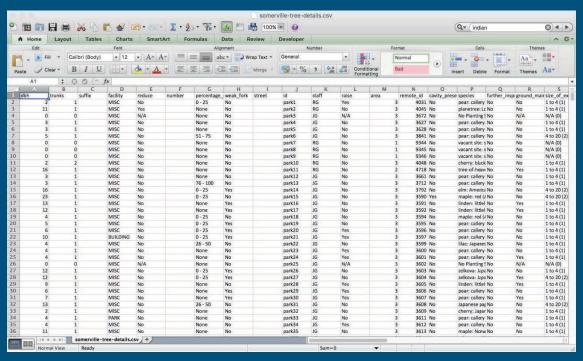


Picking a technique

# Asking Questions

# Practice Asking Questions Together

the Somerville Tree Census

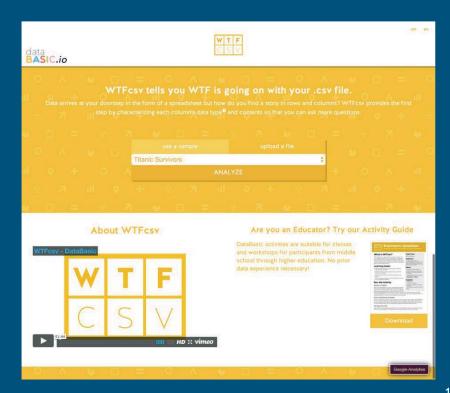


# WTFcsv - learning to asking questions

#### https://databasic.io/wtfcsv

#### Come back with:

- 1 question to ask
- list of other datasets you'd need to answer it
- how you'd try to get those datasets



### homework

- install stuff
- read stuff
- grad student to read and present about Open Data readings

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