

FINDING STORIES USING DATA

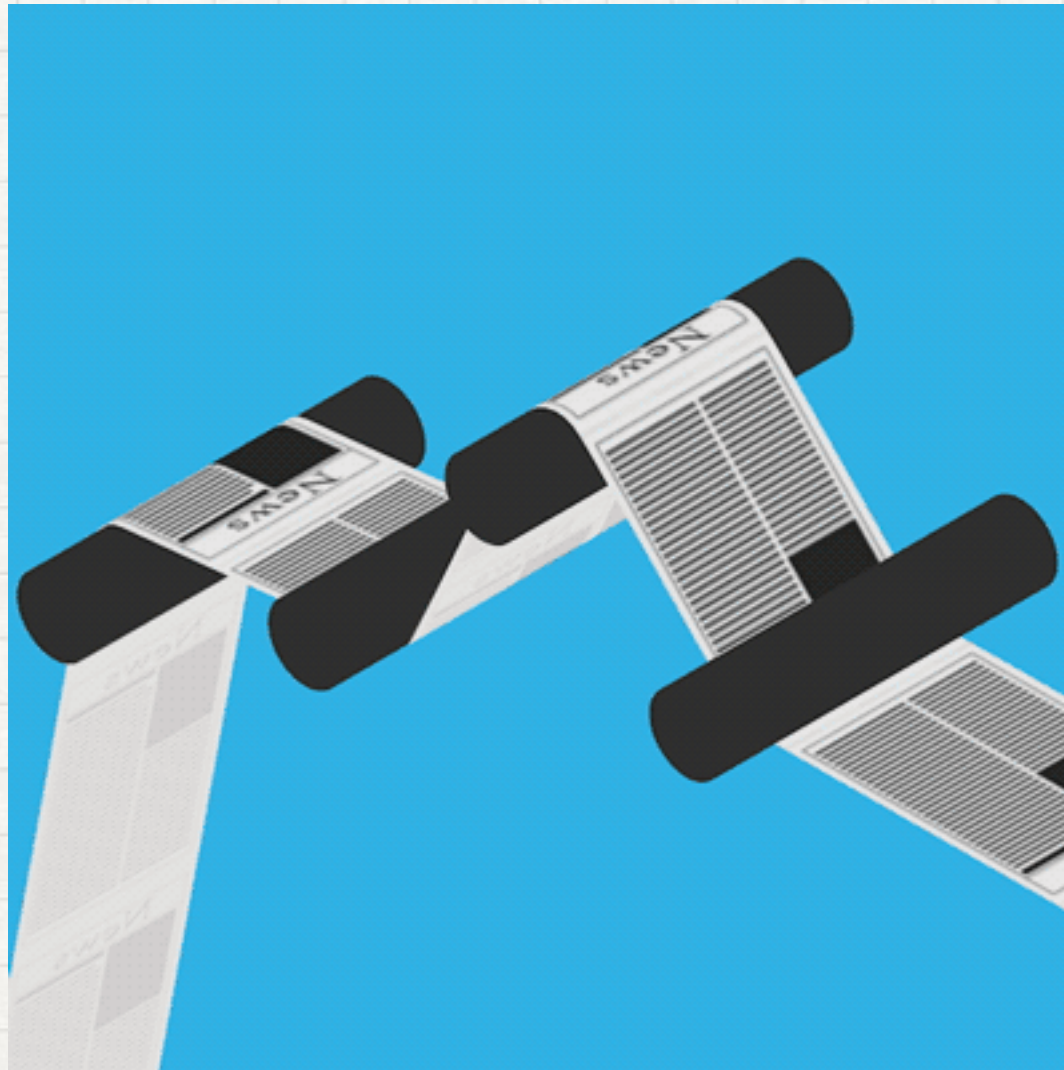


bit.ly/databerlin17

Workshop: Berlin 17.1.17

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JOURNALISM



REPORTER

**WHAT MAKES A
GOOD STORY?**

**EVOKES EMOTION
NEWSWORTHY
RELEVANCY
EXPLANATION
IMPACT**

PEOPLE

**ASK YOURSELF
WHO CARES?**

DEEP DIVE RESOURCE ILLUSTRATION

PETER
and the
bt and
Democracy



What to Watch: A Crush of
Hearings, and a Transfer
of Power

Rubio Challenged Trump's Nominee.
But Will He Defy Trump?



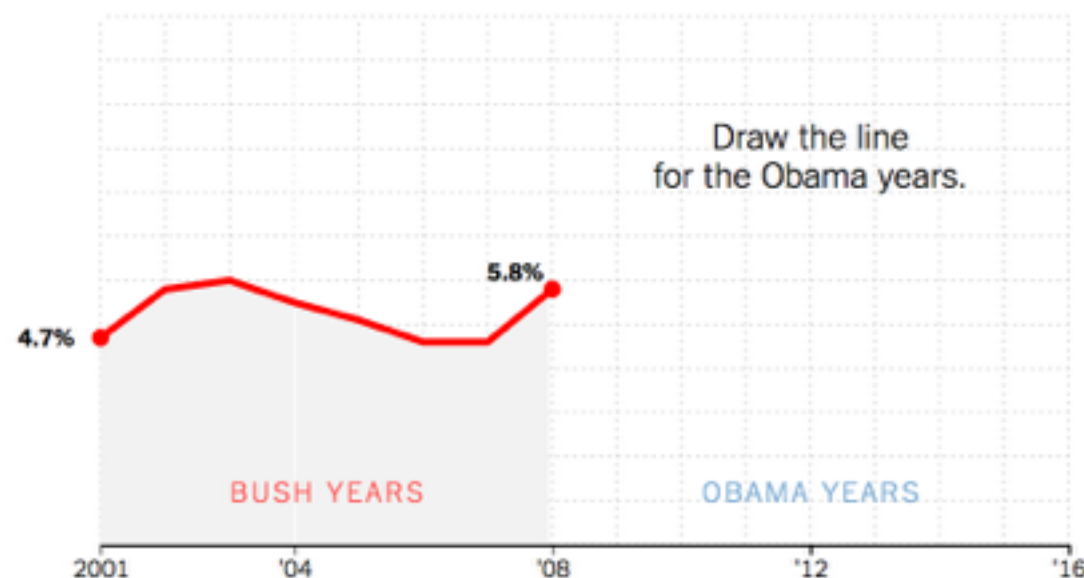
How Much V
Inauguration
Who's Paying

You Draw It: What Got Better or Worse During Obama's Presidency

By LARRY BUCHANAN, HAEYOUN PARK and ADAM PEARCE JAN. 15, 2017

Draw your guesses on the charts below
to see if you're as smart as you think you are.

Under President Obama, the **unemployment rate** ...



Election  2016

2016 Election exit polls

How the vote has shifted

Updated Nov. 29, 2016

Rio 2016 visuali:
and graphics - V

Exit poll results from National Election Pool

As polls closed nationwide Tuesday night, see how voters from different backgrounds across the nation cast their ballots.

This is how white men with no college degree voted.

↑ = 1 percentage point

Hillary Clinton

23%

Independent

4%

Donald Trump

71%



**DATA STORIES DON'T
ALWAYS START WITH
DATA**

QUESTIONS

ESPN OUTSIDETHE LINES

WHAT'S LURKING IN YOUR STADIUM FOOD?



Health department inspection reports from all 107 stadiums used by the MLB, NBA, NHL and NFL show vast differences in how food is prepared and served. It's often not exactly appetizing. Use the interactive map and read the article to find out what Outside the Lines uncovered at each stadium and arena.

by Paula Lavigne / ESPN

ESPN: Home | OTL

[f RECOMMEND 0](#) [TWEET 0](#) [COMMENTS 0](#) [EMAIL](#) [PRINT](#)

Mold in ice machines at six stands at Miller Park in Milwaukee. A cockroach crawling over a soda dispenser in a private club at Mellon Arena in Pittsburgh. Food service workers repeatedly ignoring orders to wash their hands at a stand at Detroit's Ford Field.

Sports fans don't always see such health threats when ordering a \$5 hot dog and \$6 beer at a professional sports stadium or arena. But the violations catch the eyes of inspectors who poke, prod and probe stadium kitchens that dish out a range of foods from burgers to sushi, for tens of millions of fans who eat at major professional sports venues from coast to coast each year.

VENDOR INSPECTION REPORTS INTERACTIVE MAP

- Click the filters on the bottom right to view the locations with those percentage of violations.
- Mouse-over food & drink icons to see the inspection reports for each location.

Who?

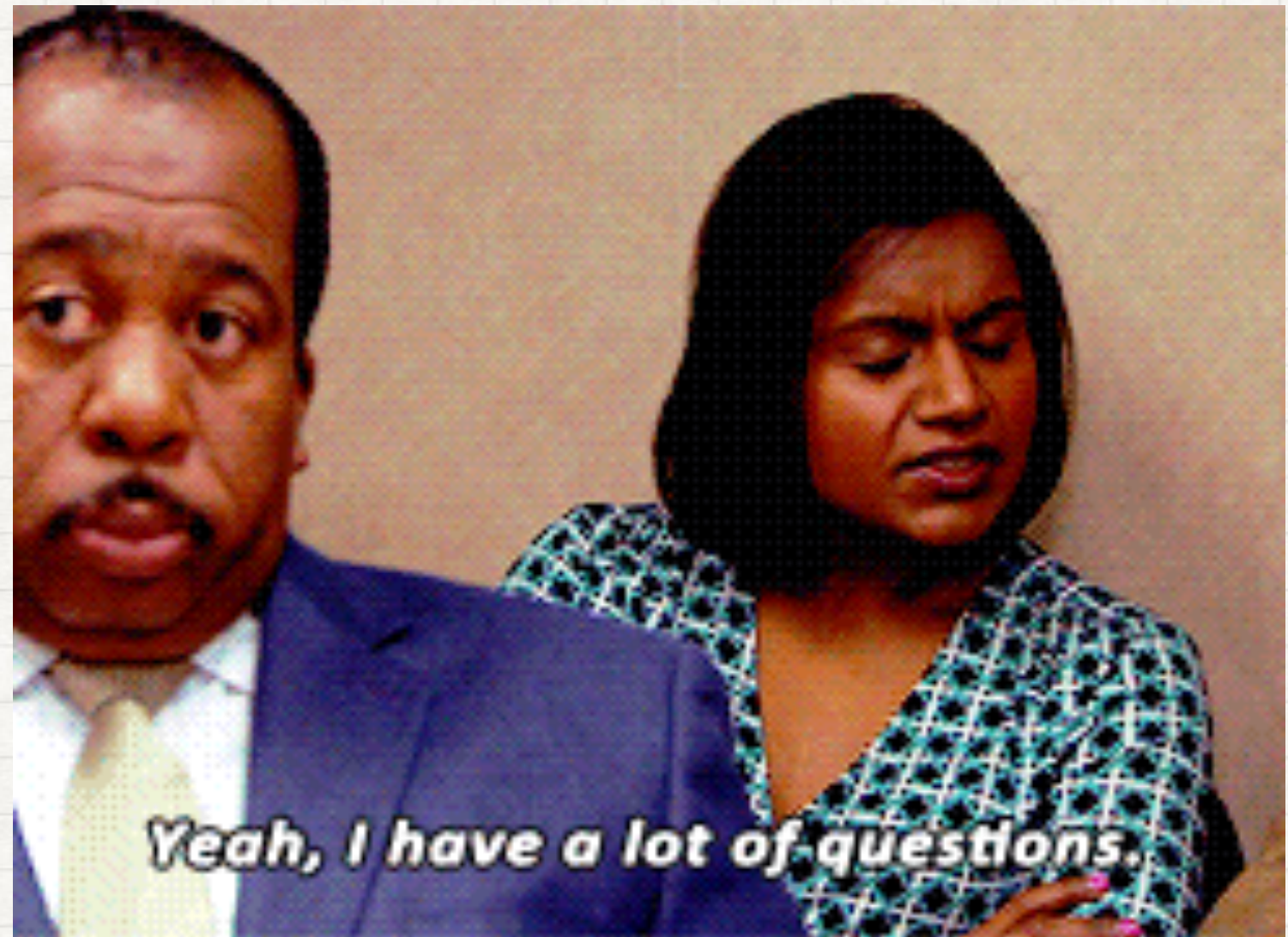
What?

Where?

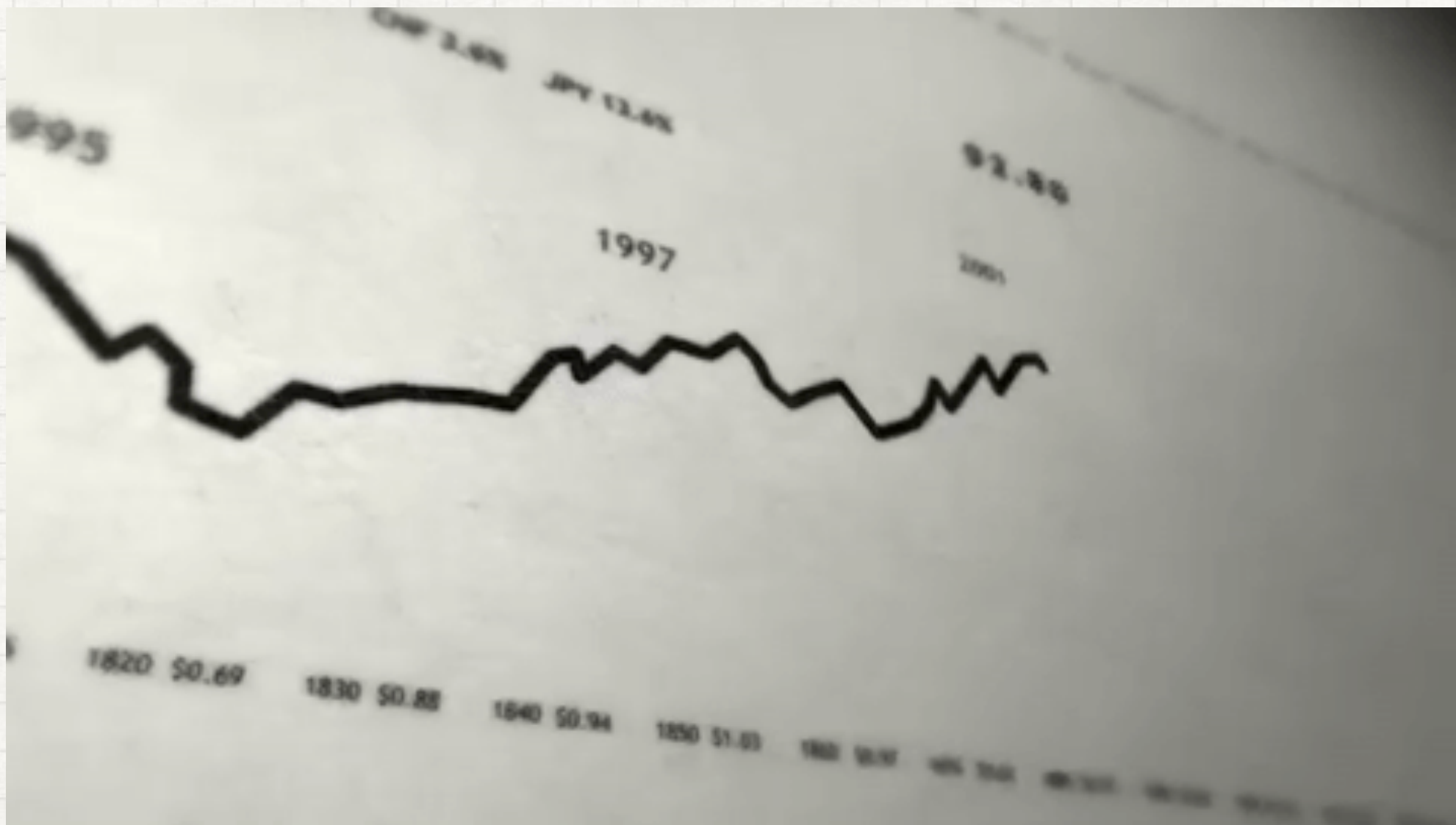
When?

Why?

How?



What is data?



- **Documents (.doc, PDFs, .txt)**

- Calendars of officials
- Travel records
- Emails
- Salary records (ex: contracts)
- Audits
- Organizational charts
- Phone call logs
- Inspection reports




- **Numbers (.xls, .xlsx, .csv)**

- Salary files
- Budgets
- Census data
- Projections
- Quality reports

**FIND A TOPIC
YOU CARE ABOUT**



CORRECTIV

Wir decken Missstände auf. Wir sind unabhängig und nicht gewinnorientiert.   

RECHERCHEN

ÜBER CORRECTIV

COMMUNITY

Wegweiser Pflege

Wie gut und wie teuer sind Deutschlands Pflegeheime? Wir haben Daten zu jedem einzelnen Heim in Deutschland ausgewertet. Und erklären, wie Ihr für Euch oder Eure Angehörigen die bestmögliche Pflege findet.

Suchen

Beispiele: [Essen](#), [Dinslaken](#), [Heilbronn](#)

OTHER EXAMPLES

WATER MAIN BREAKS

CRIME: SHOOTINGS OR THEFT

PAYROLL

KENNEL INSPECTIONS

TEST SCORES IN SCHOOLS

FUEL INSPECTIONS

Grading Texas Schools

See if your school gets an A or an F on Texas' new report card

By Ariana Giorgi | Staff

Published January 9, 2017



Texas is moving to a new system in 2018 that assigns public schools and districts grades from A-F based on how well they're educating kids, as determined mainly by test scores. This month, we got a preliminary look at "what if" grades: how districts and campuses would have performed if the standards were applied now. Here's a look at how they would have done:

Category I: How students score on state tests

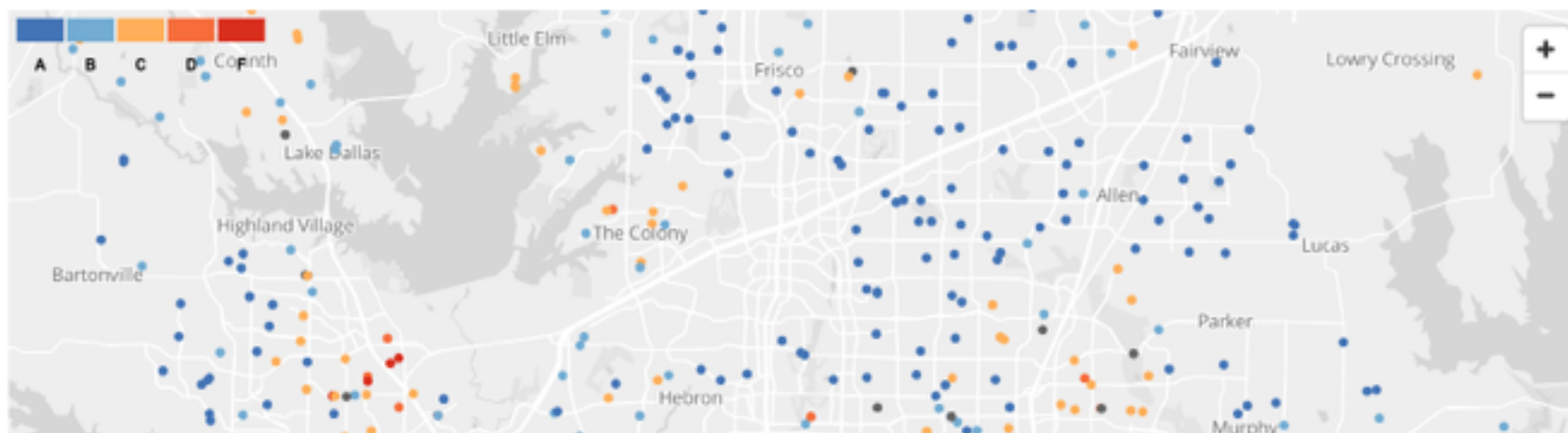
Category II: How much progress students made year to year

Category III: How schools are closing the achievement gaps between poor students and their peers

Category IV: How well schools are preparing students for college or careers

School Search

Campus Category I All Schools All Grades



**IS THIS PHENOMENON
MEASURABLE IN SOME
WAY?**

Do you have lead pipes in your home?

Lead exposure, even in small amounts, may cause health problems. It is connected with behavior and learning problems in kids, and high blood pressure and kidney problems in adults.

Lead in water systems is one possible source of exposure, and that's because in many homes, the pipe that connects the building's plumbing to the water system is still made of lead.

We'll help you find out whether your drinking water is at risk in a few simple steps. You won't need anything fancier than a magnet and a coin, but you will need to be at home to follow along.

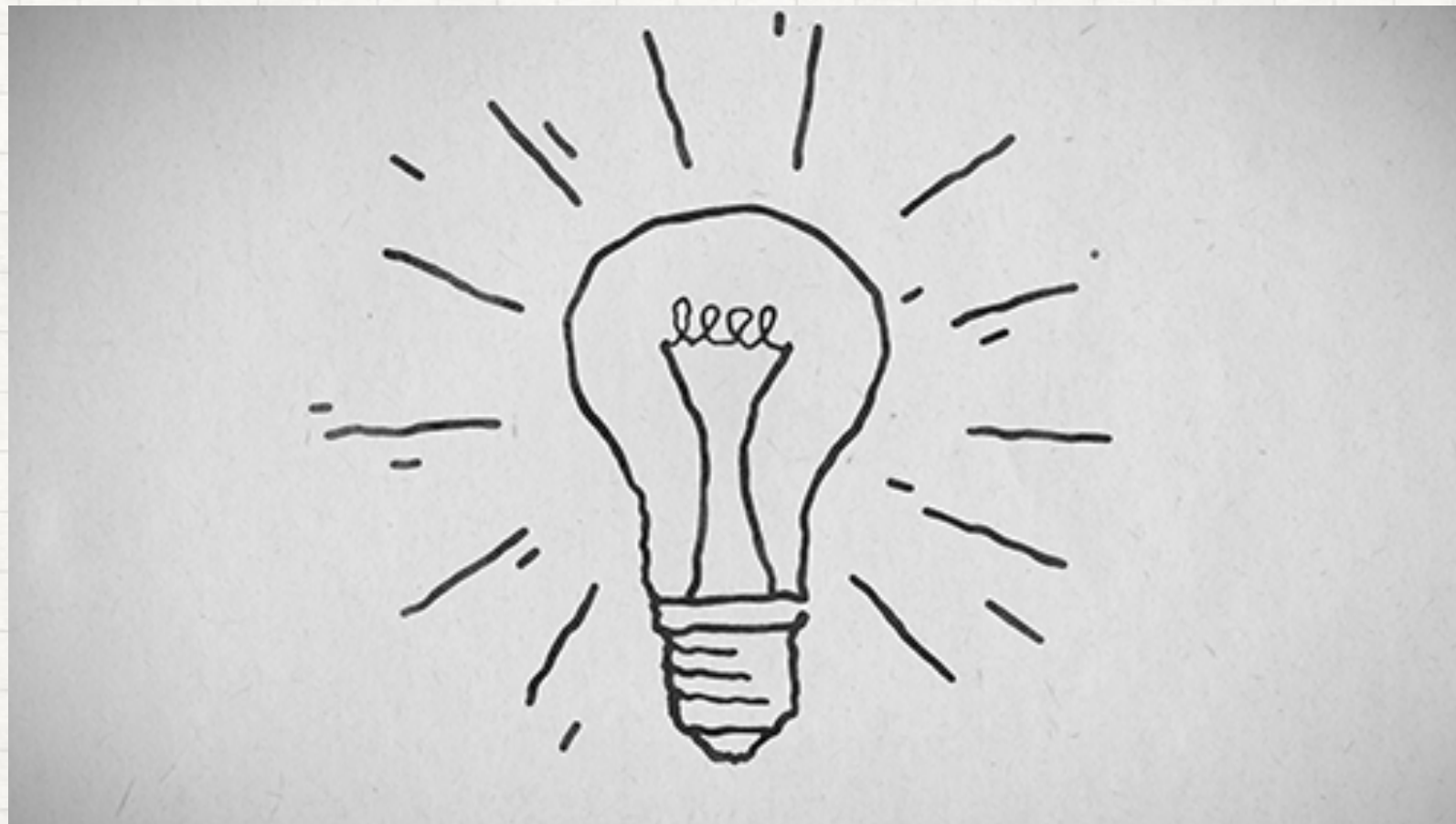
If you do find lead, we'll show you what you can do.

[Find out if you have lead pipes](#)

**IF THE ORGANIZATION DOESN'T
HAVE THE DATA YOU ASK FOR,
DOES IT MEAN IT LACKS IMPORTANT
INFORMATION TO DO ITS JOB?**

**BE SKEPTICAL
AND CONSCIOUS**

IDEAS?



- **ASK YOUR SOURCES**
- **IS THERE A NEWS PEG?**
- **DOCUMENTS OR
SPREADSHEETS**

**THINK LOCAL, REGIONAL LEVEL, STATE
LEVEL, NATIONALLY, INTERNATIONALLY**

IS THIS AN ISSUE IN OTHER PLACES?

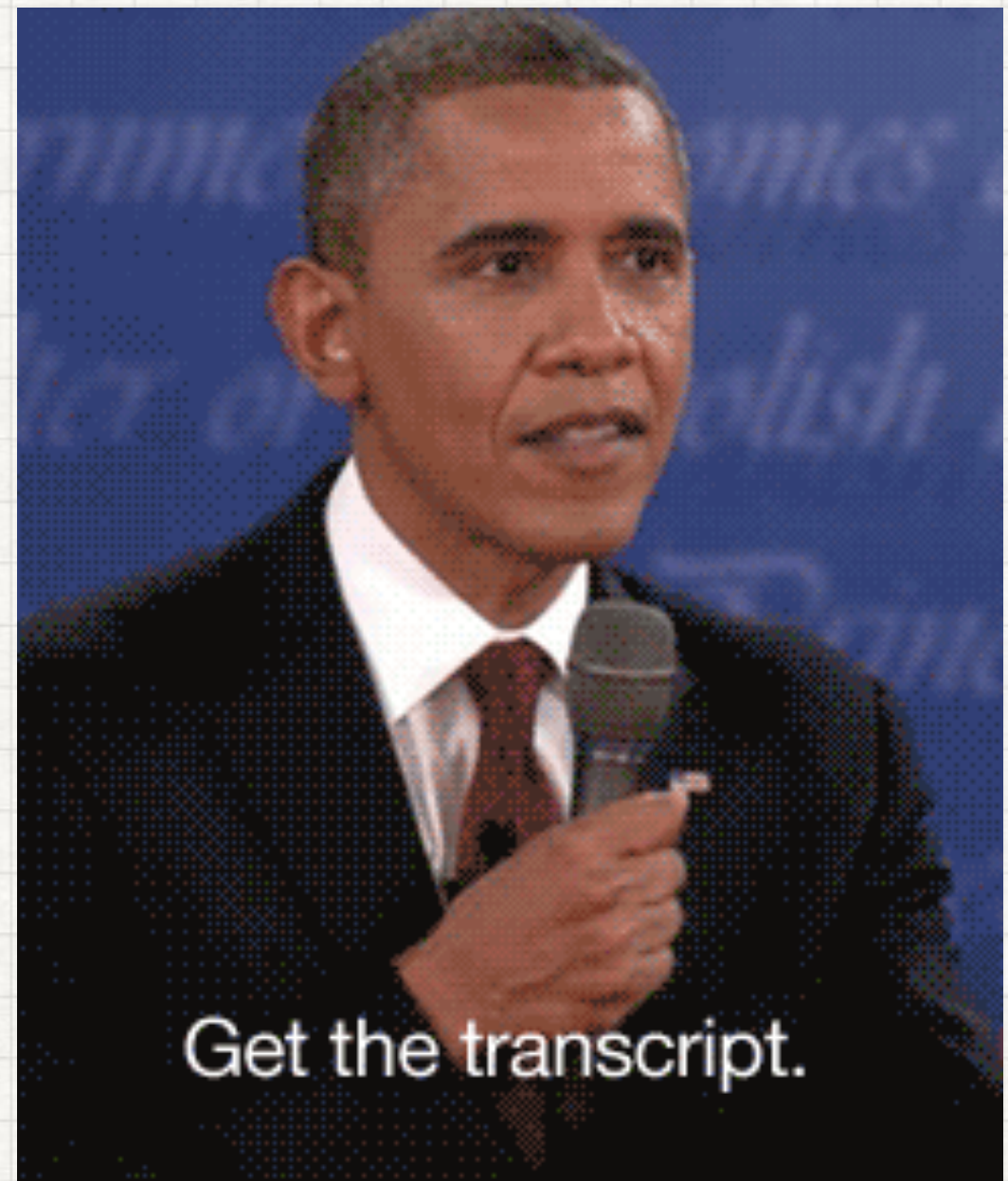
ADVANCED GOOGLE SEARCHING

- Search for words in exact order using " "
- Exclude words using - ex: nursing homes -
Correctiv
- Site search - site:correctiv.org sandhya
- Search for one thing or another: home OR
house
- Search for a powerpoint or a xls: Enter your
search terms followed by filetype:PPT or
filetype:XLSX

TIPS FOR PUBLIC RECORDS

- Do your research:
 - What data is collected/not collected —> records retention schedules
 - How agency handled prior requests & timing
 - Search DocumentCloud and pdf/excel search —> if the data has been requested before
 - Figure out the central agency that houses the records

Some examples of
public records:
documents, photos,
spreadsheets, maps,
calendars



TIPS FOR PUBLIC RECORDS

- Be specific in your wording & what format you'd like to get the data in
- Include a "reasonable description" of the records
- Ask for fee waivers
- Include contact information

[BIT.LY/EXAMPLEFOI](https://bit.ly/examplefoi)

[WWW.FRAGDENSTAAT.DE](https://www.fragdenstaat.de)

- **SUBSCRIBE TO GOV'T AGENCY PRESS RELEASES & DATA RELEASES**
- **DATA RELEASE CALENDAR**
- **MAJOR ORGANIZATIONS ON YOUR BEAT**
- **MINUTES OF MEETINGS OR SPEECHES (FACT-CHECK THESE)**

MAKE A PLAN

- Have an outline of your project, contacts and questions you want to ask
- For a public records request think about the format you'll need to analyze the data in

INTERVIEW YOUR DATA

MAKE A PLAN

- Overestimate the time it will take
- Run the analysis not just once, but several times

MAKE A PLAN



DON'T FORGET

Create a file for your data:
dictionary

Keep a file of all the queries and
questions you ask your data:
data diary

DON'T THROW NUMBERS IN PEOPLE'S FACES



**REMEMBER THE
PEOPLE**

FACT CHECK

HAVE FUN



RESOURCES

Bulletproof your data

Numbers in the newsroom

Data journalism tips

THANK YOU!

@SANDHYA__K

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