

Investigative Reporters & Editors

Data Journalism Bootcamp



Bootcamp Schedule

Note: All times Central U.S. time zone

[Lee Hills Hall](#), Room 110,

University of Missouri-Columbia Campus

Day 1 (Monday, March 25)

9 - 10:30 am	Introduction to bootcamp and data journalism <i>We'll discuss definitions, history, tools, and examples of data journalism</i>
10:30 - 11 am	Break
11 am - 12 pm	Introduction to Sheets: How to navigate spreadsheets, use formulas and sort to find information quickly
12 - 1:30 pm	Lunch on your own
1:30 - 2:15 pm	Calculating rates
2:15 - 3:15 pm	Speets exercises: Using filters and pivot tables to analyze data
3:15 - 3:45 pm	Break
3:45 - 5 pm	Group exercise
5 - 7 pm	Optional open lab

Day 2 (Tuesday, March 26)

9 - 10:15 am	How to find and negotiate for data: <i>We'll discuss ways to find what data exists and gather it more quickly using online searching and public records techniques</i>
10:15 - 10:45 am	Break
10:45 am - 12 pm	Introduction to pivot tables

12 - 1:30 pm	Lunch on your own
1:30 - 2:30 pm	Group exercise
2:30 - 3:30 pm	Advanced pivot tables
3:30 - 4 pm	Break
4 - 5 pm	Getting data into spreadsheets: Importing text files, converting pdfs, Google Sheets scraping
5 - 5:30 pm	Optional open lab
6 pm	Optional group dinner

Day 3 (Wednesday, March 27)

9 - 10:30 am	Bulletproofing your work: How to make sure your data project is solid from start to finish.
10:30 - 11 am	Break
11 am - 12 pm	Building your own database
12 - 1:30 pm	Lunch on your own
1:30 - 2:45 pm	Best practices in data visualization
2:45 - 3:15 pm	Break
3:15 - 4:30 pm	Data visualization exercises
4:30 - 5 pm	Present your data viz to the group
5 - 6 pm	Optional open lab

Day 4 (Thursday, March 28)

9 - 10:15 am	Using numbers in your stories
10:15 - 10:45 am	Break
10:45 - 12 pm	Cleaning and reformatting your data
12 - 1:30 pm	Lunch on your own
1:30 - 2:30 pm	Cleaning with OpenRefine
2:30 - 3:30 pm	Joining tables in Sheets (VLOOKUP, XLOOKUP)
3:30 - 4 pm	Break
4 - 5 pm	Start to finish: import, clean and analyze a dataset
NO LAB	

Day 5 (Friday, March 29)

9 -10 am	Stories to do when you get home
10 - 10:30 am	Break
10:30 - 11:30 am	Demos, resources for practicing and learning more
11:30 - 12 pm	Graduation and taking it all home