



# Conference schedule

March 5-8, 2020 New Orleans Marriott 555 Canal Street, New Orleans, LA 70130

**Conference website:** Read our code of conduct, check out special events and more at ire.org/nicar20.

On Twitter: #NICAR20

This schedule was updated on February 17, 2020, with 231 of 236 sessions confirmed, but it could change! For the most current information, download the Guidebook app (guidebook.com) and search "2020 NICAR Conference."

You can also browse an interactive schedule online — or download a schedule in PDF, CSV or JSON formats — at this URL: ire.org/nicar20-schedule.

#### Wednesday, March 4

Time	Session	Room
3 – 6 p.m.	Conference registration	Preservation Foyer, 2nd floor

#### Thursday, March 5

Time	Session	Room
7:30 a.m. – 6 p.m.	Conference registration	Preservation Foyer, 2nd floor
7:30 a.m. – 6 p.m.	Conference sales	Preservation Foyer, 2nd floor
7:30 - 8:15 a.m.	International meet and greet	Carondelet, 3rd floor
8:30 - 8:50 a.m.	Welcome first timers! How to make the most of NICAR20	Acadia, 3rd floor
9 a.m. – 12:30 p.m.	PyCAR (pre-registration required)	Studio 3, 2nd floor
9 a.m. – 12:30 p.m.	Upping your Excel game (pre-registration required)	Studio 2, 2nd floor
9 a.m. – 5:45 p.m.	Interviewing your data with SQL (pre-registration required)	Studio 4, 2nd floor
9 a.m. – 12:30 p.m.	Master class: Editing the data story	Galerie 5, 2nd floor
9 – 10 a.m.	? Hello world! Choose your data adventure	Acadia, 3rd floor
9 – 10 a.m.	Excel 1: Getting started with spreadsheets	Studio 8, 2nd floor
9 – 10 a.m.	Data dive: The 2019 Philip Meyer winners	Bissonet, 3rd floor
9 – 10 a.m.	Regular expressions for the rest of us	Studio 10, 2nd floor
9 – 10 a.m.	Finding needles in haystacks with fuzzy matching	Studio 9, 2nd floor
9 – 10 a.m.	Introduction to VisiData	Studio 6, 2nd floor
9 – 10 a.m.	Tracking money spent on candidates up and down the ballot in 2020	Galerie 3, 2nd floor
9 – 10 a.m.	How I learn to tell stories with data	Galerie 4, 2nd floor
9 – 10 a.m.	How the internet works (so you can scrape the web!)	Galerie 6, 2nd floor
9 – 10 a.m.	Negotiating for data at scale	Galerie 2, 2nd floor
9 – 10 a.m.	Finding the story: Census data	Studio 7, 2nd floor
9 – 10 a.m.	"Scrollytelling" with MapBox	Studio 1, 2nd floor
9 a.m. – 5 p.m.	Exhibitors and recruiters	Studio Foyers, 2nd floor
10:15 - 11:15 a.m.	Excel 2: Formulas & sorting	Studio 8, 2nd floor

Time	Session	Room
10:15 - 11:15 a.m.	GitHub for journalists	Studio 1, 2nd floor
10:15 - 11:15 a.m.	Mining data into TV gold	Galerie 2, 2nd floor
10:15 - 11:15 a.m.	Finding the story: Using natural language processing in social media research	Studio 9, 2nd floor
10:15 - 11:15 a.m.	How to negotiate for data and records	Bissonet, 3rd floor
10:15 - 11:15 a.m.	How to make charts less bad	Galerie 6, 2nd floor
10:15 - 11:15 a.m.	My own worst enemy: Overcoming impostor syndrome	Galerie 4, 2nd floor
10:15 - 11:15 a.m.	Newsroom web scraping with JavaScript	Studio 6, 2nd floor
10:15 - 11:15 a.m.	Covering immigration with data	Acadia, 3rd floor
10:15 - 11:15 a.m.	Newsroom open-source tool showcase	Galerie 3, 2nd floor
10:15 - 11:15 a.m.	Data cleaning with OpenRefine 1: The basics	Studio 10, 2nd floor
10:15 - 11:15 a.m.	Create interactive demographic maps in minutes with ArcGIS Online	Studio 7, 2nd floor
11:30 a.m. – 12:30 p.m.	Investigating natural disasters: What to do before, during and after	Galerie 3, 2nd floor
11:30 a.m. – 12:30 p.m.	Data and docs for your arsenal	Bissonet, 3rd floor
11:30 a.m. – 12:30 p.m.	Excel 3: Filtering & pivot tables	Studio 8, 2nd floor
11:30 a.m. – 12:30 p.m.	Python: Let's scrape a website	Studio 9, 2nd floor
11:30 a.m. – 12:30 p.m.	Google Sheets: Scraping without coding	Studio 1, 2nd floor
11:30 a.m. – 12:30 p.m.	Polling best practices ahead of 2020	Acadia, 3rd floor
11:30 a.m. – 12:30 p.m.	Datasette: An ecosystem of tools for exploring data and collaborating on data projects	Studio 6, 2nd floor
11:30 a.m. – 12:30 p.m.	Navigating NICAR as a TV journalist	Galerie 4, 2nd floor
11:30 a.m. – 12:30 p.m.	Making graphics with R	Studio 7, 2nd floor
11:30 a.m. – 12:30 p.m.	Data cleaning with OpenRefine 2: More advanced uses	Studio 10, 2nd floor
12:45 – 2 p.m.	Journalists of color in the newsroom meetup	Carondelet, 3rd floor
2:15 - 5:45 p.m.	Intro to R (pre-registration required)	Studio 2, 2nd floor
2:15 - 5:45 p.m.	Introduction to web development (pre-registration required)	Studio 9, 2nd floor
2:15 - 5:45 p.m.	First Observable notebook: Prototyping with polish (pre-registration required)	Studio 3, 2nd floor

Time	Session	Room
2:15 - 5:45 p.m.	Master class: Statistics for journalists	Galerie 5, 2nd floor
2:15 - 3:15 p.m.	Free and easy data viz	Galerie 2, 2nd floor
2:15 - 3:15 p.m.	Excel: Advanced pivot tables	Studio 8, 2nd floor
2:15 - 3:15 p.m.	R 1: Intro to R and RStudio	Studio 7, 2nd floor
2:15 - 3:15 p.m.	Python 1: The fundamentals	Studio 6, 2nd floor
2:15 - 3:15 p.m.	Finding the story: Using DNS search for investigative journalism	Studio 1, 2nd floor
2:15 - 3:15 p.m.	Campaign finance questions people ask plus yours!	Galerie 4, 2nd floor
2:15 - 3:15 p.m.	Using open crime and policing data	Galerie 3, 2nd floor
2:15 - 3:15 p.m.	Year in CAR: Local innovation	Acadia, 3rd floor
2:15 - 3:15 p.m.	Mentoring for diversity and inclusion	Bissonet, 3rd floor
2:15 - 3:15 p.m.	Finding and researching international connection	Galerie 6, 2nd floor
2:15 - 5:45 p.m.	Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required)	Studio 10, 2nd floor
3:30 - 4:30 p.m.	R 2: Data analysis and plotting	Studio 7, 2nd floor
3:30 - 4:30 p.m.	Python 2: Intro to data analysis using Pandas	Studio 6, 2nd floor
3:30 - 4:30 p.m.	PDF 1: How to extract text and tables from PDFs like a boss	Studio 8, 2nd floor
3:30 - 4:30 p.m.	Uncloaked: Flight tracking for investigating people, planes and patterns	Galerie 2, 2nd floor
3:30 - 4:30 p.m.	Tracking dark money in the 2020 elections	Bissonet, 3rd floor
3:30 - 4:30 p.m.	Investigating bias: From housing to policing	Acadia, 3rd floor
3:30 - 4:30 p.m.	DataKit: Workflow automation for the newsroom and classroom	Galerie 3, 2nd floor
3:30 - 4:30 p.m.	A demo of the Big Local News platform	Galerie 4, 2nd floor
3:30 - 4:30 p.m.	International year in CAR	Galerie 6, 2nd floor
3:30 - 4:30 p.m.	"Scrollytelling" with Mapbox (repeat)	Studio 1, 2nd floor
4:45 – 5:45 p.m.	R 3: Gathering and cleaning data	Studio 7, 2nd floor
4:45 – 5:45 p.m.	Python 3: Data cleaning and visualization	Studio 6, 2nd floor
4:45 – 5:45 p.m.	Finding the story: Campaign finance in Excel	Studio 8, 2nd floor
4:45 – 5:45 p.m.	Countdown to the big count: Getting ready for Census 2020	Acadia, 3rd floor
4:45 – 5:45 p.m.	The wrong things we all do	Bissonet, 3rd floor
4:45 – 5:45 p.m.	Encryption and journalism: From idea to publication	Galerie 3, 2nd floor
4:45 – 5:45 p.m.	Advanced data journalism through a browser	Galerie 6, 2nd floor
4:45 - 5:45 p.m.	Covering housing from A-Z: Localizing affordable housing stories and data	Galerie 2, 2nd floor
4:45 – 5:45 p.m.	DataKit install party	Galerie 4, 2nd floor
4:45 - 5:45 p.m.	Workbench: Reproducible data work without coding	Studio 1, 2nd floor
6 - 7:15 p.m.	Welcome reception	Carondelet, 3rd floor

### Friday, March 6

Time	Session	Room
7:30 – 8:45 a.m.	Mentor program breakfast	Carondelet, 3rd floor
8 a.m. – 5 p.m.	Conference registration	Preservation Foyer, 2nd floor
8 a.m. – 5 p.m.	Conference sales	Preservation Foyer, 2nd floor
9 a.m. – 12:30 p.m.	PyCAR (pre-registration required)	Studio 3, 2nd floor
9 a.m. – 5:45 p.m.	First Python notebook: Data analysis on deadline (pre-registration required)	Studio 6, 2nd floor
9 a.m. – 12:30 p.m.	Digging into data for stories: A crash course in Excel (pre-registration required)	Studio 2, 2nd floor
9 a.m. – 12:30 p.m.	Master class: Election 2020 data	Galerie 5, 2nd floor
9 – 10 a.m.	Victims, villians and heroes: Turning data into characters	Galerie 3, 2nd floor
9 – 10 a.m.	Excel: Basic stats	Studio 8, 2nd floor
9 – 10 a.m.	JavaScript 1: Fundamentals and syntax	Studio 9, 2nd floor
9 – 10 a.m.	Finding the story: Business data	Studio 10, 2nd floor
9 – 10 a.m.	Data dive #2: Senior care, access to clean water, the probation trap	Bissonet, 3rd floor
9 – 10 a.m.	Navigating data.census.gov	Acadia, 3rd floor
9 – 10 a.m.	Getting started with Tableau Public	Studio 7, 2nd floor
9 – 10 a.m.	Encryption tools for journalists	Studio 4, 2nd floor
9 – 10 a.m.	Exploring the radio spectrum for news	Galerie 2, 2nd floor
9 – 10 a.m.	Code buddies: Get help on your project	Galerie 4, 2nd floor
9 – 10 a.m.	Three free & powerful tools for analyzing document dumps	Galerie 6, 2nd floor
9 a.m. – 5 p.m.	Exhibitors and recruiters	Studio Foyers, 2nd floor
9 a.m. – 12:30 p.m.	Master Class: Writing the investigative narrative (Friday morning)	Studio 1, 2nd floor
10:15 – 11:15 a.m.	Census: Numbers in the news	Acadia, 3rd floor
10:15 - 11:15 a.m.	JavaScript 2: Hello, D3!	Studio 9, 2nd floor
10:15 – 11:15 a.m.	Google Sheets: Custom formulas and automating tasks with the script editor	Studio 4, 2nd floor
10:15 - 11:15 a.m.	Advanced Tableau	Studio 7, 2nd floor
10:15 – 11:15 a.m.	Scraping in R	Studio 8, 2nd floor
10:15 – 11:15 a.m.	Data Blitz	Galerie 3, 2nd floor
10:15 - 11:15 a.m.	Beyond the horserace of election results graphics	Galerie 6, 2nd floor

10:15 - 11:15       Bluld your own collaborative documentation site: An introduction to library       Galerie 4, 2nd floor         10:15 - 11:15       Interviewing your data       Bissonet, 3rd floor         10:15 - 11:15       Finding the story: Data-driven disaster coverage       Studio 10, 2nd floor         11:30 a.m 20	Time	Session	Room
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a.m. Finding the story: Data-driven disaster coverage Studio 10, 2nd floor 11:30 a.m.   Everything we know about covering guns, in one hour Galerie 6, 2nd floor 12:30 p.m.   JavaScript 3: Making a map in D3 Studio 9, 2nd floor 11:30 a.m.   Hitchhikers guide to APIs Studio 7, 2nd floor 11:30 a.m.   Finding the story: Using DNS search for investigative journalism (repeat) Studio 4, 2nd floor 12:30 p.m.   Making interactive maps with R Studio 8, 2nd floor 11:30 a.m.   Investigating sexual assault, for newsrooms big and small Bissonet, 3rd floor 11:30 a.m.   Data on the wildfire beat Galerie 2, 2nd floor 11:30 a.m.   Data on the wildfire beat Galerie 3, 2nd floor 11:30 a.m.   Digital sleuthing with Bellingcat Acadia, 3rd floor 11:30 a.m.   Excel tricks you've never used Galerie 3, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Galerie 4, 2nd floor 11:30 a.m.   Excel tricks you've never used Galerie 4, 2nd floor 11:30 a.m.   Excel tricks you've never used Galerie 4, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Galerie 4, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.   Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m.		Interviewing your data	Bissonet, 3rd floor
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	2:15 - 3:15 p.m.	Covering disparities in education with data	Galerie 2, 2nd floor
3:30 – 4:30 n m. Covering undercovered communities	2:15 - 3:15 p.m.	State of newsroom diversity reports	Galerie 4, 2nd floor
5.50 T.50 p.m. Covering undercovered communities Dissoliet, 310 floor	3:30 - 4:30 p.m.	Covering undercovered communities	Bissonet, 3rd floor

Time	Session	Room
3:30 - 4:30 p.m.	Excel 2: Formulas & sorting (repeat)	Studio 8, 2nd floor
3:30 - 4:30 p.m.	SQL 2: Grouping and summing data	Studio 10, 2nd floor
3:30 - 4:30 p.m.	Stats 2: Linear regression	Studio 4, 2nd floor
3:30 - 4:30 p.m.	PDF 2: Using OCR to extract data from PDFs	Studio 3, 2nd floor
3:30 - 4:30 p.m.	Power BI 1: Create interactive data visualizations	Studio 2, 2nd floor
3:30 - 4:30 p.m.	Data visualization & storytelling with Flourish	Studio 1, 2nd floor
3:30 - 4:30 p.m.	Communicating statistical significance	Acadia, 3rd floor
3:30 - 4:30 p.m.	Being a better ally	Galerie 4, 2nd floor
3:30 - 4:30 p.m.	Day-turn investigations	Galerie 6, 2nd floor
3:30 - 4:30 p.m.	Machine learning for the rest of us	Galerie 3, 2nd floor
3:30 - 4:30 p.m.	Beyond pictures: Turning satellite imagery into data	Galerie 2, 2nd floor
4:45 - 5:45 p.m.	Excel 3: Filtering & pivot tables (repeat)	Studio 8, 2nd floor
4:45 - 5:45 p.m.	SQL 3: Joining tables	Studio 10, 2nd floor
4:45 - 5:45 p.m.	Stats 3: Logistic regression	Studio 4, 2nd floor
4:45 - 5:45 p.m.	PDF 3: Batch pdf processing	Studio 3, 2nd floor
4:45 - 5:45 p.m.	Geocoding using online tools	Studio 1, 2nd floor
4:45 - 5:45 p.m.	Power BI 2: Clean, join and visualize data	Studio 2, 2nd floor
5 - 6:15 p.m.	Lightning Talks	Galerie 2, 2nd floor
6:15 - 6:30 p.m.	Philip Meyer Award presentation	Acadia, 3rd floor
6:30 - 7:30 p.m.	Philip Meyer reception	Carondelet, 3rd floor

# Saturday, March 7 Time Session

Time	Session	Room
8:30 a.m. – 6 p.m.	Conference registration	Preservation Foyer, 2nd floor
8:30 a.m. – 6 p.m.	Conference sales	Preservation Foyer, 2nd floor
9 a.m. – 12:30 p.m.	Mastering Google Sheets: Web scraping, running scripts and other tricks (Saturday) (pre-registration required)	Studio 1, 2nd floor
9 a.m. – 12:30 p.m.	Digging into data for stories: A crash course in Excel (pre-registration required)	Studio 2, 2nd floor
9 a.m. – 5:45 p.m.	Exploring the tidyverse in R (pre-registration required)	Studio 7, 2nd floor
9 a.m. – 5:45 p.m.	First graphics app: Node.js in the newsroom (pre-registration required)	Studio 3, 2nd floor
9 a.m. – 12:30 p.m.	Web scraping with Python (pre-registration required)	Studio 9, 2nd floor
9 a.m. – 12:30 p.m.	Master class: Finding and telling stories with earth imagery	Galerie 5, 2nd floor
9 – 10 a.m.	Educators meetup	Galerie 4, 2nd floor
9 – 10 a.m.	Advanced SQL: Update queries, sub-queries and more	Studio 10, 2nd floor

9 - 10 a.m.       Command line for reporters (Mac)       Studio 6, 2nd floor         9 - 10 a.m.       Incinced census data from IPUMS       Galerie 6, 2nd floor         9 - 10 a.m.       Mobile, data and desktop reporting tools for your newsroom       Acadia, 3rd floor         9 - 10 a.m.       QGIS 1: Mapmaking for beginners       Studio 8, 2nd floor         9 - 10 a.m.       Covering climate change: Beyond models and speculation       Galerie 3, 2nd floor         9 - 10 a.m.       FOLA on the fly       Galerie 2, 2nd floor         9 - 10 a.m.       FOLA on the fly       Galerie 2, 2nd floor         9 - 10 a.m.       Fold on the fly       Galerie 2, 2nd floor         9 - 10 a.m.       Practical machine learning for investigations with fast.al (Saturday) p.m.       Studio 4, 2nd floor         9 - 10 a.m.       Fractical machine learning for investigations with fast.al (Saturday)       Studio 4, 2nd floor         10:15 - 11:15       Finding and using international data       Studio 10, 2nd floor         10:15 - 11:15       Average diagrams of the fly       Studio 8, 2nd floor         10:15 - 11:15       Exploring networks with graph databases       Studio 6, 2nd floor         10:15 - 11:15       Dear diary: Best practices for keeping a data diary       Studio 8, 2nd floor         10:15 - 11:15       QGIS 2: Analyzing geographic data       Studio 8, 2nd fl	Time	Session	Room
9 - 10 a.m. Mobile, data and desktop reporting tools for your newsroom Acadia, 3rd floor 9 - 10 a.m. QGIS 1: Mapmaking for beginners Studio 8, 2nd floor 9 - 10 a.m. Covering climate change: Beyond models and speculation Galerie 3, 2nd floor 9 a.m 5 p.m. Exhibitors and recruiters Studio 7 floor 9 a.m 5 p.m. Exhibitors and recruiters Studio 7 floor 9 a.m 12:30 Practical machine learning for investigations with fast all (Saturday morning) (pre-registration required) Studio 4, 2nd floor 10:15 - 11:15 a.m. Finding and using international data Galerie 6, 2nd floor 10:15 - 11:15 A.m. WySQL Studio 10, 2nd floor 10:15 - 11:15 A.m. WySQL Studio 10, 2nd floor 10:15 - 11:15 A.m. Exploring networks with graph databases Studio 6, 2nd floor 10:15 - 11:15 A.m. Exploring networks with graph databases Studio 6, 2nd floor 10:15 - 11:15 A.m. Bear diary: Best practices for keeping a data diary Galerie 3, 2nd floor 10:15 - 11:15 A.m. Burner profiles: How to safely create social media profiles for your investigations Increase I	9 – 10 a.m.	Command line for reporters (Mac)	Studio 6, 2nd floor
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9 - 10 a.m. Covering climate change: Beyond models and speculation Galerie 3, 2nd floor 9 a.m 5 p.m. Exhibitors and recruiters Studio Foyers, 2nd floor 9 a.m 5 p.m. FOIA on the fly Galerie 2, 2nd floor 9 a.m 12:30 Practical machine learning for investigations with fast.al (Saturday Studio 4, 2nd floor 10:15 - 11:15 Finding and using international data Galerie 6, 2nd floor a.m. Studio 10, 2nd floor a.m. Studio 10, 2nd floor 10:15 - 11:15 WySQL Studio 10, 2nd floor a.m. WySQL Studio 10, 2nd floor a.m. Studio 10, 2nd floor a.m. Studio 10:15 - 11:15 Voter file data, from toplines to deep dives to breaches Bissonet, 3nd floor 10:15 - 11:15 Exploring networks with graph databases Studio 6, 2nd floor a.m. Studio 8, 2nd floor a.m. Studio 8, 2nd floor 10:15 - 11:15 Surre profiles: How to safely create social media profiles for your investigations a.m. Surre profiles: How to safely create social media profiles for your investigations a.m. Surre profiles: How to safely create social media profiles for your investigations a.m. Surre profiles: How to safely create social media profiles for your investigations a.m. Surre profiles: How to safely create social media profiles for your investigations a.m. Surre profiles: How to safely create social media profiles for your investigation Galerie 2, 2nd floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your and floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your investigation Galerie 3, 2nd floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your investigation Galerie 2, 2nd floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your and floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your and floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your and floor 10:15 - 11:15 a.m. Surre profiles: How to safely create social media profiles for your and floo	9 – 10 a.m.	Mobile, data and desktop reporting tools for your newsroom	Acadia, 3rd floor
9 a.m. – 5 p.m. Exhibitors and recruiters  9 - 10 a.m. FOIA on the fly  9 - 10 a.m. FOIA on the fly  9 a.m. – 12:30 Practical machine learning for investigations with fast.ai (Saturday morning) (pre-registration required)  10:15 - 11:15 Finding and using international data  3 Studio 4, 2nd floor  10:15 - 11:15 MySQL Studio 10, 2nd floor  10:15 - 11:15 Ayour Studio 10, 2nd floor  10:15 - 11:15 Exploring networks with graph databases  10:15 - 11:15 Exploring networks with graph databases  Studio 6, 2nd floor  10:15 - 11:15 Dear diary: Best practices for keeping a data diary  10:15 - 11:15 Ayour Studio 8, 2nd floor  10:15 - 11:15 Burner profiles: How to safely create social media profiles for your investigations investigations  10:15 - 11:15 Unpacking AI's influence in society  3 Ayour Dear Dear Ayour Studio 8, 2nd floor  11:30 a.m. Reasoning for data visualization Bissonet, 3rd floor  11:30 a.m. Reasoning for data visualization Bissonet, 3rd floor  11:30 a.m. Beyond formulas: A statistical world view Galerie 6, 2nd floor  11:30 a.m. Beyond formulas: A statistical world view Galerie 6, 2nd floor  11:30 a.m. Art of the interview Galerie 2, 2nd floor  11:30 a.m. Art of the interview Galerie 2, 2nd floor  11:30 a.m. Art of the interview Galerie 2, 2nd floor  11:30 a.m. Art of the interview Galerie 2, 2nd floor  11:30 a.m. Art of the interview Galerie 3, 2nd floor  11:30 a.m. Art of the interview Galerie 4, 2nd floor  11:30 a.m. Art of the interview Galerie 2, 2nd floor  11:30 a.m. Art of the interview Galerie 2, 2nd floor	9 – 10 a.m.	QGIS 1: Mapmaking for beginners	Studio 8, 2nd floor
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p.m. morning) (pre-registration required)  10:15 - 11:15	9 – 10 a.m.	FOIA on the fly	Galerie 2, 2nd floor
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		Using the Public Accountability Project to boost your reporting	Galerie 4, 2nd floor

Time	Session	Room
2:15 - 5:45 p.m.	Interactive data viz with D3 (pre-registration required)	Studio 9, 2nd floor
2:15 - 5:45 p.m.	Master class: Interviewing	Galerie 5, 2nd floor
2:15 - 3:15 p.m.	Research gumbo: Redux	Galerie 6, 2nd floor
2:15 - 3:15 p.m.	Excel: Importing data	Studio 8, 2nd floor
2:15 - 3:15 p.m.	SQL 1: Exploring data (repeat)	Studio 10, 2nd floor
2:15 - 3:15 p.m.	R 1: Intro to R and RStudio (repeat)	Studio 2, 2nd floor
2:15 - 5:45 p.m.	Practical machine learning for investigations with fast.ai (Saturday afternoon) (pre-registration required)	Studio 1, 2nd floor
2:15 - 3:15 p.m.	Using csvkit to wrangle data without Excel	Studio 6, 2nd floor
2:15 - 3:15 p.m.	Tracking 2020 digital ads: Learn the secrets of new political ad databases	Galerie 2, 2nd floor
2:15 - 3:15 p.m.	The life of a data story: Going from data to narrative	Acadia, 3rd floor
2:15 - 3:15 p.m.	Being scrappy: Doing data journalism as a team of one	Galerie 4, 2nd floor
2:15 - 3:15 p.m.	Finding the story in property records	Bissonet, 3rd floor
2:15 - 3:15 p.m.	Career roundtable: Making big moves	Galerie 3, 2nd floor
2:15 - 3:15 p.m.	Excel tricks you've never used (repeat)	Studio 4, 2nd floor
3:30 - 4:30 p.m.	Excel CARwash: Cleaning dirty data	Studio 8, 2nd floor
3:30 - 4:30 p.m.	SQL 2: Grouping and summing data (repeat)	Studio 10, 2nd floor
3:30 - 4:30 p.m.	R 2: Data analysis and plotting (repeat)	Studio 2, 2nd floor
3:30 - 4:30 p.m.	How to build a live data-driven application that never crashes	Studio 6, 2nd floor
3:30 - 4:30 p.m.	How to make data findings come to life on radio	Galerie 6, 2nd floor
3:30 - 4:30 p.m.	Digital security hygiene and threat modeling for journalists	Bissonet, 3rd floor
3:30 - 4:30 p.m.	Leading the data team, or how to get the best from your newsroom's brightest people	Galerie 2, 2nd floor
3:30 - 4:30 p.m.	How to squeeze court records to get the most juice	Acadia, 3rd floor
3:30 - 4:30 p.m.	Census Reporting 2.0	Galerie 4, 2nd floor
3:30 - 4:30 p.m.	Finding the story: Campaign finance in SQL	Studio 4, 2nd floor
4:45 - 5:45 p.m.	Excel: Using string functions to manipulate data	Studio 8, 2nd floor
4:45 - 5:45 p.m.	SQL 3: Joining tables (repeat)	Studio 10, 2nd floor
4:45 - 5:45 p.m.	R 3: Gathering and cleaning data (repeat)	Studio 2, 2nd floor
4:45 - 5:45 p.m.	Exploratory data viz: A tool for collaborative data reporting	Studio 4, 2nd floor
4:45 - 5:45 p.m.	Work-life balance	Acadia, 3rd floor
4:45 - 5:45 p.m.	Bringing data journalism to your student newsroom	Galerie 4, 2nd floor
4:45 - 5:45 p.m.	News automation is booming: How newsrooms are embracing automation	Galerie 6, 2nd floor
4:45 - 5:45 p.m.	Using IRS nonprofit data and decoding 990s	Bissonet, 3rd floor
4:45 - 5:45 p.m.	Collaborate tool	Galerie 2, 2nd floor
4:45 - 5:45 p.m.	Community-powered data collection: Enlisting your audience to help power investigations	Galerie 3, 2nd floor
4:45 – 5:45 p.m.	Geocoding using programming	Studio 6, 2nd floor

Time	Session	Room
6:30 – 7:30 p.m.	Closing reception	New Orleans Audubon Aquarium of the Americas

## Sunday, March 8

Time	Session	Room
9 – 10 a.m.	JavaScript 2: Hello D3! (repeat)	Studio 3, 2nd floor
9 – 10 a.m.	Stats 1: An introduction (repeat)	Studio 2, 2nd floor
9 – 10 a.m.	Python 1: The fundamentals (repeat)	Studio 6, 2nd floor
9 – 10 a.m.	PDF 1: Using free online tools (repeat)	Studio 7, 2nd floor
9 – 10 a.m.	Finding the story: Opioid data	Studio 4, 2nd floor
9 – 10 a.m.	TL;DR: What to remember when you forget everything else	Galerie 2, 2nd floor
9 a.m 12:30 p.m.	Election 2020 hackathon	Galerie 4, 2nd floor
9 a.m 12:30 p.m.	Master class: Getting ready to cover Census 2020	Galerie 5, 2nd floor
9 – 10 a.m.	Finding the story: Using natural language processing in social media research (repeat)	Studio 9, 2nd floor
9 – 10:30 a.m.	Conference sales	Preservation Foyer, 2nd floor
10:15 - 11:15 a.m.	JavaScript 3: Making a map in D3 (repeat)	Studio 3, 2nd floor
10:15 - 11:15 a.m.	Stats 2: Linear regression (repeat)	Studio 2, 2nd floor
10:15 - 11:15 a.m.	Python 2: Intro to data analysis using Pandas (repeat)	Studio 6, 2nd floor
10:15 - 11:15 a.m.	Python: Let's scrape a website (repeat)	Studio 9, 2nd floor
10:15 a.m. – 12:30 p.m.	Turning your stack of documents into structured data	Galerie 6, 2nd floor
10:15 - 11:15 a.m.	Where'd I put that file?	Galerie 2, 2nd floor
10:15 - 11:15 a.m.	PDF 2: Using OCR to extract data from PDFs (repeat)	Studio 7, 2nd floor
10:15 - 11:15 a.m.	Advanced SQL: Update queries, sub-queries and more (repeat)	Studio 4, 2nd floor
11:30 a.m. – 12:30 p.m.	SQL CARwash: Cleaning dirty data	Studio 4, 2nd floor
11:30 a.m. – 12:30 p.m.	Python 3: Data cleaning and visualization (repeat)	Studio 6, 2nd floor
11:30 a.m. – 12:30 p.m.	GitHub for journalists (repeat)	Studio 3, 2nd floor
11:30 a.m. – 12:30 p.m.	Finding the story: Scripting your census analysis	Studio 2, 2nd floor
11:30 a.m. – 12:30 p.m.	PDF 3: Batch pdf processing (repeat)	Studio 7, 2nd floor

Time	Session	Room
11:30 a.m. – 12:30 p.m.	Mapping in Python	Studio 9, 2nd floor
11:30 a.m. – 12:30 p.m.	? Install party!	Galerie 2, 2nd floor