



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 March 5, 2020, with 241 of 242 sessions confirmed, but it could change! For the most current information, download the Guidebook app (<u>quidebook.com</u>) 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: <u>ire.org/nicar20-schedule</u>.

Wednesday, March 4

ııme		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	Studio Foyers, 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 1: 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
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
0:15 - 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

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	3:30 - 4:30 p.m.	Investigating bias: From housing to policing	Acadia, 3rd 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.	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

Time	Session	Room
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	Studio Foyers, 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, villains 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.	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

1015 - 1125 a.m. Google Sheets. Custom formulas and automating tosks with the script editor Studia 2, 2nd floor 1015 - 1125 a.m. Advanced Tableau Studia 2, 2nd floor 1015 - 1125 a.m. Scroping in R Studia 2, 2nd floor 1015 - 1125 a.m. Data Biltz Golerie 3, 2nd floor 1015 - 1125 a.m. Beyond the horserosa of election results graphics Golerie 4, 2nd floor 1015 - 1125 a.m. Build your own collaborative documentation site. An introduction to Library Colerie 4, 2nd floor 1015 - 1125 a.m. Build your own collaborative documentation site. An introduction to Library Colerie 4, 2nd floor 1015 - 1125 a.m. Finding the story. Detective discater coverage Studia 10, 2nd floor 1015 - 1125 a.m. Everything we know about covering guns, in one hour Colerie 6, 2nd floor 1120 a.m 1220 p.m. Litabilities guide to APIs Studia 7, 2nd floor 1120 a.m 1220 p.m. Hitchhikars guide to APIs Studia 7, 2nd floor 1120 a.m 1220 p.m. Making interactive maps with R Studia 8, 2nd floor 1120 a.m 1220 p.m. Data on the wildfire best Colerie 2, 2nd floor 1120 a.m 1220 p.m. Data on the wildfire best	Time	Session	Room
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Screping in R Screpi	10:15 - 11:15 a.m.	How to find and forget data for your environment stories	Galerie 2, 2nd floor
1015 - 1185 a.m. Dota Bitz Gelerie 3, 2nd floor 1015 - 1185 a.m. Beyond the horserace of election results graphics Golerie 4, 2nd floor 1015 - 1185 a.m. Build your own collaborative documentation site: An introduction to Library Galerie 4, 2nd floor 1015 - 1185 a.m. Interviewing your data Interviewing your data Sissonet, 3rd floor 1015 - 1185 a.m. Interviewing your data Sissonet, 3rd floor 1015 - 1185 a.m. Interviewing your data Sissonet, 3rd floor 1015 - 1185 a.m. Finding the story. Dato-driven disaster coverage Sudio 10, 2nd floor 1130 a.m 1230 p.m. Everything we know about covering guns, in one haur Galerie 4, 2nd floor 1130 a.m 1230 p.m. Hitchhikers guide to APIs Sudio 3, 2nd floor 1130 a.m 1230 p.m. Hitchhikers guide to APIs Sudio 3, 2nd floor 1130 a.m 1230 p.m. Hitchhikers guide to APIs Sudio 3, 2nd floor 1130 a.m 1230 p.m. Making interactive maps with R Sudio 8, 2nd floor 1130 a.m 1230 p.m. Investigating sesual assault, for newsrooms big and small Bissonet, 3rd floor 1130 a.m 1230 p.m. Data on the wildine beat Galerie 2, 2nd floor 1130 a.m 1230 p.m. Digital sleuthing with Bellingcat Galerie 3, 2nd floor 1130 a.m 1230 p.m. Excel tricks you've never used Sudio 10, 2nd floor 1130 a.m 1230 p.m. Excel tricks you've never used Sudio 10, 2nd floor 1130 a.m 1230 p.m. Beaking through coding plateaus Galerie 4, 2nd floor 215 - 545 p.m. Write better Python code (pre-registration required) Studio 9, 2nd floor 215 - 545 p.m. Master class Writing the investigative narrative (Friday afternoon) Galerie 4, 2nd floor 215 - 315 p.m. Excel in Getting started with spreadheets (repeat) Studio 9, 2nd floor 215 - 315 p.m. Stats 1. An introduction Studio 7, 2nd floor 215 - 315 p.m. Stats 1. An introduction Studio 7, 2nd floor 215 - 315 p.m. Stats 1. An introduction Studio 7, 2nd floor 215 - 315 p.m. Stats 1. An introduction Galerie 4, 2nd floor 215 - 315 p.m. Cookel-turn data stories Galerie 4, 2nd floor 215 - 315 p.m. Stats 1. An introduction Studio 7, 2nd floor 215 - 315 p.m. Stats 1. An introd	10:15 - 11:15 a.m.	Advanced Tableau	Studio 7, 2nd floor
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3:30 - 4:30 p.m. PDF 2: Using OCR to extract data from PDFs 3:30 - 4:30 p.m. Power B11: Create interactive data visualizations 3:30 - 4:30 p.m. Data visualization & storytelling with Flourish 3:30 - 4:30 p.m. CANCELED - Communicating statistical significance 3:30 - 4:30 p.m. Being a better ally 3:30 - 4:30 p.m. Day-turn investigations 3:30 - 4:30 p.m. Day-turn investigations 3:30 - 4:30 p.m. Machine learning for the rest of us 3:30 - 4:30 p.m. Beyond pictures: Turning satellite imagery into data 3:30 - 4:30 p.m. Excel 3: Filtering & pivot tables (repeat) 3:445 - 5:45 p.m. SQL 3: Joining tables 3:445 - 5:45 p.m. Stats 3: Logistic regression 3:445 - 5:45 p.m. Stats 3: Logistic regression 3:445 - 5:45 p.m. PDF 3: Batch pdf processing 3:445 - 5:45 p.m. PDF 3: Batch pdf processing 3:445 - 5:45 p.m. Power B1 2: Clean, join and visualize data 3:446 - 5:45 p.m. Power B1 2: Clean, join and visualize data 3:446 - 5:45 p.m. Philip Meyer Award presentation 4:45 - 6:15 p.m. Philip Meyer Award presentation 4:46 - 6:15 p.m. Philip Meyer Award presentation	Time	Session	Room
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Data visualization & storytelling with Flourish Studio 1, 2nd floor Acadia, 3rd floor Acadia, 3rd floor Galerie 4, 2nd floor Being a better ally Galerie 6, 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 2, 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. PDF 3: Batch pdf processing Studio 3, 2nd floor 4:45 - 5:45 p.m. Geocoding using online tools Studio 1, 2nd floor Studio 2, 2nd floor Studio 2, 2nd floor Lightning Talks Acadia, 3rd 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. CANCELED - 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 Acadia, 3rd floor	3:30 - 4:30 p.m.	Power BI 1: Create interactive data visualizations	Studio 2, 2nd 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 10, 2nd floor 4:45 - 5:45 p.m. Power Bl 2: Clean, join and visualize data Studio 2, 2nd floor 5 - 6:15 p.m. Lightning Talks Acadia, 3rd floor	3:30 - 4:30 p.m.	Data visualization & storytelling with Flourish	Studio 1, 2nd floor
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 Acadia, 3rd floor 6:15 - 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd floor	3:30 - 4:30 p.m.	CANCELED - Communicating statistical significance	Acadia, 3rd 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 Acadia, 3rd floor Philip Meyer Award presentation Acadia, 3rd floor	3:30 - 4:30 p.m.	Being a better ally	Galerie 4, 2nd floor
3:30 - 4:30 p.m. Beyond pictures: Turning satellite imagery into data 4:45 - 5:45 p.m. Excel 3: Filtering & pivot tables (repeat) 5:45 p.m. SQL 3: Joining tables 5:45 p.m. Studio 10, 2nd floor 4:45 - 5:45 p.m. Studio 4, 2nd floor 4:45 - 5:45 p.m. PDF 3: Batch pdf processing 5:45 p.m. Geocoding using online tools 4:45 - 5:45 p.m. Power BI 2: Clean, join and visualize data 5:615 p.m. Lightning Talks 6:15 - 6:30 p.m. Philip Meyer Award presentation Studio 3. 2nd floor Acadia, 3rd floor	3:30 - 4:30 p.m.	Day-turn investigations	Galerie 6, 2nd floor
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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 Acadia, 3rd floor 6:15 - 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd floor	3:30 - 4:30 p.m.	Beyond pictures: Turning satellite imagery into data	Galerie 2, 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 Acadia, 3rd floor 6:15 - 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd floor	4:45 - 5:45 p.m.	Excel 3: Filtering & pivot tables (repeat)	Studio 8, 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 Acadia, 3rd floor 6:15 – 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd floor	4:45 - 5:45 p.m.	SQL 3: Joining tables	Studio 10, 2nd floor
4:45 - 5:45 p.m. Geocoding using online tools 4:45 - 5:45 p.m. Power BI 2: Clean, join and visualize data 5 - 6:15 p.m. Lightning Talks 6:15 - 6:30 p.m. Philip Meyer Award presentation Studio 1, 2nd floor Acadia, 3rd floor Acadia, 3rd floor	4:45 - 5:45 p.m.	Stats 3: Logistic regression	Studio 4, 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 Acadia, 3rd floor 6:15 – 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd floor	4:45 - 5:45 p.m.	PDF 3: Batch pdf processing	Studio 3, 2nd floor
5 - 6:15 p.m. Lightning Talks Acadia, 3rd floor 6:15 - 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd floor	4:45 - 5:45 p.m.	Geocoding using online tools	Studio 1, 2nd floor
6:15 – 6:30 p.m. Philip Meyer Award presentation Acadia, 3rd 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	Acadia, 3rd floor
6:30 – 7:30 p.m. Philip Meyer reception Carondelet, 3rd 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

8:30 a.m 6 p.m. Con 9 a.m 12:30 p.m. (pre	nference registration Inference sales Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping, running scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Google Sheets: Web scraping of the scripts and other tricks (Saturday) Instering Go	Preservation Foyer, 2nd floor Studio Foyers, 2nd floor Studio 1, 2nd floor
9 a.m. – 12:30 p.m. Mas	stering Google Sheets: Web scraping, running scripts and other tricks (Saturday) e-registration required)	Studio 1, 2nd floor
9 a.m. – 12:30 p.m. (pre	e-registration required)	
	gging into data for stories: A crash course in Excel (pre-registration required)	0. 1. 1.5
9 a.m 12:30 p.m. Digg	7.0	Studio 2, 2nd floor
9 a.m 5:45 p.m. Exp	ploring the tidyverse in R (pre-registration required)	Studio 7, 2nd floor
9 a.m 5:45 p.m. Firs	st graphics app: Node.js in the newsroom (pre-registration required)	Studio 3, 2nd floor
9 a.m 12:30 p.m. Web	b scraping with Python (pre-registration required)	Studio 9, 2nd floor
9 a.m 12:30 p.m. Mas	ster class: Finding and telling stories with earth imagery	Galerie 5, 2nd floor
9 – 10 a.m. Edu	ucators meetup	Galerie 4, 2nd floor
9 – 10 a.m. Adv	vanced SQL: Update queries, sub-queries and more	Studio 10, 2nd floor
9 – 10 a.m. Dat	ta Dive 3: Cancer Alley, H-1B Visas, sexual abuse and assault	Bissonet, 3rd floor
9 – 10 a.m. Con	mmand line for reporters (Mac)	Studio 6, 2nd floor
9 – 10 a.m. Enri	riched census data from IPUMS	Galerie 6, 2nd floor
9 – 10 a.m. Mok	bile, data and desktop reporting tools for your newsroom	Acadia, 3rd floor
9 - 10 a.m. QG	GIS 1: Mapmaking for beginners	Studio 8, 2nd floor
9 – 10 a.m. Hov	w researchers and journalists work together and why it sometimes falls apart	Galerie 3, 2nd floor

Time	Session	Room
9 a.m. – 5 p.m.	Exhibitors and recruiters	Studio Foyers, 2nd floor
9 – 10 a.m.	FOIA on the fly	Galerie 2, 2nd floor
9 a.m 12:30 p.m.	Practical machine learning for investigations with fast.ai (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.	MySQL	Studio 10, 2nd floor
10:15 - 11:15 a.m.	Voter file data, from toplines to deep dives to breaches	Bissonet, 3rd floor
10:15 - 11:15 a.m.	Exploring networks with graph databases	Studio 6, 2nd floor
10:15 - 11:15 a.m.	Dear diary: Best practices for keeping a data diary	Galerie 3, 2nd floor
10:15 - 11:15 a.m.	QGIS 2: Analyzing geographic data	Studio 8, 2nd floor
10:15 - 11:15 a.m.	CANCELED - Burner profiles: Using virtual machines to protect yourself from doxxing	Acadia, 3rd floor
10:15 - 11:15 a.m.	Unpacking Al's influence in society	Galerie 2, 2nd floor
10:15 - 11:15 a.m.	Introducing and implementing security protocols in your reporting process	Galerie 4, 2nd floor
11:30 a.m 12:30 p.m.	Building and telling a bulletproof data story	Galerie 3, 2nd floor
11:30 a.m 12:30 p.m.	Reasoning for data visualization	Bissonet, 3rd floor
11:30 a.m 12:30 p.m.	Text mining in R with tidytext	Studio 6, 2nd floor
11:30 a.m 12:30 p.m.	Beyond formulas: A statistical world view	Galerie 6, 2nd floor
11:30 a.m 12:30 p.m.	Making graphics with R (repeat)	Studio 8, 2nd floor
11:30 a.m 12:30 p.m.	Art of the interview	Galerie 2, 2nd floor
11:30 a.m 12:30 p.m.	Finding data for local investigations	Acadia, 3rd floor
11:30 a.m 12:30 p.m.	CANCELED - Consolidate, shape, and re-use web data with Excel Power Query	Studio 10, 2nd floor
11:30 a.m 12:30 p.m.	Using the Public Accountability Project to boost your reporting	Galerie 4, 2nd floor
2:15 - 5:45 p.m.	Interactive data viz with D3 (pre-registration required)	Studio 9, 2nd floor
2:15 - 5:45 p.m.	CANCELED - 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

Time	Session	Room
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.	Using data viz to explore data and find stories	Galerie 3, 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.	Using data in your reporting as a student	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
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.	CANCELED - 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	Studio Foyers, 2nd floor
9 – 10 a.m.	Storyboarding and perfecting your pitch	Galerie 3, 2nd floor

Time	Session	Room
10:15 - 11:15 a.m.	CANCELED - 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
10:15 - 11:15 a.m.	Accessing political ad data from the Facebook and Google ad libraries	Galerie 3, 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.	How and why to Dockerize your project	Galerie 3, 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
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