



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 3, 2020, with 215 of 235 sessions confirmed, but it could change! For the most current information, download the Guidebook app (guidebook.com) and search "2020 NICAR Conference."

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.	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
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.	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

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11.50 a.m 12.50 p.m. Journalists of color in the newsroom meetup Carondelet, 3rd floor 12.45 - 2 p.m. Journalists of color in the newsroom meetup Studio 2, 2nd floor 12.5 - 5.45 p.m. Introduction to web development (pre-registration required) Studio 2, 2nd floor 12.5 - 5.45 p.m. First Observable notabook Prototyping with polish (pre-registration required) Studio 3, 2nd floor 12.5 - 5.45 p.m. First Observable notabook Prototyping with polish (pre-registration required) Studio 3, 2nd floor 12.5 - 5.45 p.m. Master class Statistics for journalists Galerie 2, 2nd floor 12.5 - 5.45 p.m. Free and easy data viz Galerie 2, 2nd floor 12.5 - 5.45 p.m. Free and easy data viz Galerie 2, 2nd floor 12.5 - 5.45 p.m. Prototyping with polish (pre-registration required) Studio 8, 2nd floor 12.5 - 5.45 p.m. Python in The fundamentals Studio 8, 2nd floor 12.5 - 5.45 p.m. Python in The fundamentals Studio 8, 2nd floor 12.5 - 5.45 p.m. Python in The fundamentals Studio 8, 2nd floor 12.5 - 5.45 p.m. Python in The fundamentals Studio 8, 2nd floor 12.5 - 5.45 p.m. Using open crime and policing data Galerie 4, 2nd floor 12.5 - 5.45 p.m. Using open crime and policing data Galerie 4, 2nd floor 12.5 - 5.45 p.m. Using open crime and policing data Galerie 4, 2nd floor 12.5 - 5.45 p.m. Mentoring for diversity and inclusion Biasonet, 3rd floor 12.5 - 5.45 p.m. Mentoring for diversity and inclusion Biasonet, 3rd floor 12.5 - 5.45 p.m. Mastering Google Sheets. Web scraping, running scripts and other tricks (Thursdoy) Studio 10, 2nd floor 13.0 - 4.30 p.m. Python 2: herb to data analysis using Pendas Studio 8, 2nd floor 13.0 - 4.30 p.m. Python 2: herb to data analysis using Pendas Studio 8, 2nd floor 13.0 - 4.30 p.m. Python 2: herb to data analysis using Pendas Studio 8, 2nd floor 13.0 - 4.30 p.m. Python 2: herb to data analysis using Pendas Studio 8, 2nd floor 13.0 - 4.30 p.m. Python 2: herb to data analysis using Pendas Studio 8, 2nd floor 13.0 - 4.30 p.m. Python 2: herb to data analysis using Pendas Studio 8, 2nd floor 13.0 - 4.30 p.m. Python	11:30 a.m 12:30 p.m.	Navigating NICAR as a TV journalist	Galerie 4, 2nd floor
12.45 - 2 p.m. Journalists of color in the newsroom meetup Corondelet, 3rd floor 285 - 5.45 p.m. Intro to R (pre-registration required) Studio 2, 2nd floor 285 - 5.45 p.m. Introduction to web development (pre-registration required) Studio 9, 2nd floor 285 - 5.45 p.m. First Observable notabook Prototyping with polish (pre-registration required) Studio 3, 2nd floor 285 - 5.45 p.m. Free and easy data viz Golerie 5, 2nd floor 285 - 385 p.m. Free and easy data viz Golerie 5, 2nd floor 285 - 385 p.m. Excels Advanced pivot tables Studio 8, 2nd floor 285 - 385 p.m. Python 1: The fundamentals Studio 6, 2nd floor 285 - 385 p.m. Python 1: The fundamentals Studio 6, 2nd floor 285 - 385 p.m. Finding the story: Using DNS search for investigative journalism Studio 6, 2nd floor 285 - 385 p.m. Campeign finance questions people ask plus yours! Golerie 4, 2nd floor 285 - 385 p.m. Using spear crime and policing data Golerie 3, 2nd floor 285 - 385 p.m. Wear in CAR: Local innovation Rodaio, 3rd floor 285 - 385 p.m. Mentarring Google Sheets: Web scraping, running scripts and other tricks (Thursday)	11:30 a.m 12:30 p.m.	Making graphics with R	Studio 7, 2nd floor
215 - 5.45 p.m. Intro to R (pre-registration required) 215 - 5.45 p.m. Introduction to web development (pre-registration required) 215 - 5.45 p.m. First Observable natebook: Prototyping with polish (pre-registration required) 215 - 5.45 p.m. Master class. Statistics for journalists 315 p.m. Free and easy data viz 215 - 5.45 p.m. Free and easy data viz 215 - 5.45 p.m. Free and easy data viz 215 - 5.45 p.m. Free and easy data viz 215 p.m. Free and easy data viz 215 p.m. Free and easy data viz 215 p.m. R 1 Intro to R and RStudio 215 p.m. R 1 Intro to R and RStudio 215 p.m. Python 1: The fundamentals 215 p.m. Python 1: The fundamentals 215 p.m. Pinding the story: Using DNS search for investigative journalism 215 p.m. Campaign finance questions people ask plus yours! Galerie 4. 2nd floor 215 p.m. Using open crime and policing data 215 p.m. Veer in CAR: Local innovation 215 p.m. Veer in CAR: Local innovation 215 p.m. Finding and researching international connection 215 p.m. Finding and researching international connection 215 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) 215 p.m. Als p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) 216 p.m. Python 2: Intro to data analysis using Pandas 217 p.m. Python 2: Intro to data analysis using Pandas 218 p.m. Unclooked: Flight tracking for investigating people, planes and patterns 218 p.m. Unclooked: Flight tracking for investigating people, planes and patterns 219 p.m. Python 2: Intro to data analysis using Pandas 210 p.m. Python 2: Intro to data analysis using Pandas 210 p.m. Unclooked: Flight tracking for investigating people, planes and patterns 210 p.m. Unclooked: Flight tracking for investigating people, planes and patterns 210 p.m. Tracking dark money in the 2020 elections 210 p.m. DataKit. Workflow automation for the newsraam and classroom 211 p.m. Ademo of the Big Local News plotform 212 p.m. Python 3: Data cleaning and visualization 2130 p.m. International year in CAR 2130 p.m. Python	11:30 a.m 12:30 p.m.	Data cleaning with OpenRefine 2: More advanced uses	Studio 10, 2nd floor
215 - 5.45 p.m. Introduction to web development (pre-registration required) Studio 0, 2nd floor 215 - 5.45 p.m. First Observable notebooks Prototyping with polish (pre-registration required) Studio 3, 2nd floor 215 - 5.45 p.m. Master class Statistics for journalists Galerie 2, 2nd floor 215 - 315 p.m. Free and easy data viz Galerie 2, 2nd floor 215 - 315 p.m. Excel: Advanced prive tables Studio 8, 2nd floor 215 - 315 p.m. R Is Intro to R and RStudio Studio 2, 2nd floor 215 - 315 p.m. R Is Intro to R and RStudio Studio 2, 2nd floor 215 - 315 p.m. Python 1: The fundamentals Studio 4, 2nd floor 215 - 315 p.m. Finding the story; Using DNS search for investigative journalism Studio 4, 2nd floor 215 - 315 p.m. Campaign finance questions people ask plus yours! Galerie 3, 2nd floor 215 - 315 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 315 p.m. Veer in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Veer in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 315 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 315 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursdoy) Studio 10, 2nd floor 330 - 430 p.m. R 2: Deta analysis using Planda Studio 3, 2nd floor 330 - 430 p.m. Python 2: Intro to data analysis using Planda Studio 6, 2nd floor 330 - 430 p.m. Python 2: Intro to data analysis using Planda Studio 6, 2nd floor 340 - 430 p.m. Tracking dark money in the 2020 elections Bissonet, 3rd floor 340 - 430 p.m. Tracking dark money in the 2020 elections Bissonet, 3rd floor 340 - 430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 340 - 430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 340 - 430 p.m. R 3: Gathering and cleaning data Acadia p.m. Studio 7, 2nd floor 340 - 430 p.m. Ademo of the Big Local News platform Galerie 3, 2nd floor 3	12:45 - 2 p.m.	Journalists of color in the newsroom meetup	Carondelet, 3rd floor
215 - 5:45 p.m.	2:15 - 5:45 p.m.	Intro to R (pre-registration required)	Studio 2, 2nd floor
215 - 545 p.m. Master class Statistics for journalists Galerie 5, 2nd floor 215 - 345 p.m. Free and easy data viz Galerie 2, 2nd floor 215 - 345 p.m. Excel: Advanced pivot tables Studio 3, 2nd floor 215 - 345 p.m. R1: Intro to R and RStudio 215 - 345 p.m. Python 1: The fundamentals Studio 7, 2nd floor 215 - 345 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 345 p.m. Python 1: The fundamentals Studio 1, 2nd floor 215 - 345 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 345 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 345 p.m. Veer in CAR: Local innovation Acadio, 3rd floor 215 - 345 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 345 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 345 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 345 p.m. Mastering Google Sheets. Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 215 - 345 p.m. Mastering Google Sheets. Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 215 - 345 p.m. Python 2: Intro to data analysis using Pandas Studio 7, 2nd floor 230 - 430 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 430 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 430 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 430 p.m. Tracking dark money in the 2020 elections 230 - 430 p.m. Tracking dark money in the 2020 elections 230 - 430 p.m. Datakit Workflow automation for the newsroom and classroom Galerie 2, 2nd floor 230 - 430 p.m. Datakit Workflow automation for the newsroom and classroom Galerie 4, 2nd floor 230 - 430 p.m. Python 3: Data cleaning and visualization Studio 7, 2nd floor 230 - 430 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 230 - 435 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 2445 - 545 p.m. Python 3: Data cleaning and visualization Galerie 3,	2:15 - 5:45 p.m.	Introduction to web development (pre-registration required)	Studio 9, 2nd floor
215 - 315 p.m. Free and easy data viz Studio 8, 2nd floor 215 - 315 p.m. Excel: Advanced pivot tables Studio 8, 2nd floor 215 - 315 p.m. R to find a RStudio Studio 7, 2nd floor 215 - 315 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 315 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 315 p.m. Finding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 215 - 315 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 315 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 315 p.m. Veor in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Whentoring for diversity and inclusion Bissonet, 3rd floor 215 - 315 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 315 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 545 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 330 - 4430 p.m. Python 2: Intro to data analysis using Pandas Studio 8, 2nd floor 2330 - 4430 p.m. Python 2: Intro to data analysis using Pandas Studio 8, 2nd floor 2330 - 4430 p.m. Drockacket. Flight tracking for investigating people, planes and potterns Galerie 2, 2nd floor 2330 - 4430 p.m. Unclooked: Flight tracking for investigating people, planes and potterns Galerie 2, 2nd floor 2330 - 4430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 2330 - 4430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 2330 - 4430 p.m. Investigating bias: From housing to policing Galerie 4, 2nd floor 2445 - 545 p.m. R 3: Gathering and cleaning data Studio 7, 2nd floor 245 - 545 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 2465 - 545 p.m. Python 3: Data cleaning and visualization Galerie 4, 2nd floor 245 - 545 p.m. Countdown to the big count. Getting ready for Census 2020 Acadia, 3rd floor 2445 - 545 p.m. Countdown to the big count. Getting ready for Census 2020 Acadia, 3rd floor 2445 - 545 p.m. Cou	2:15 - 5:45 p.m.	First Observable notebook: Prototyping with polish (pre-registration required)	Studio 3, 2nd floor
215 - 315 p.m. Python 1: The fundamentals Studio 8, 2nd floor 215 - 315 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 315 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 315 p.m. Pinding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 215 - 315 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 315 p.m. Using open crime and policing data Galerie 5, 2nd floor 215 - 315 p.m. Vear in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Whentoring for diversity and inclusion Bissonet, 3rd floor 215 - 315 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 315 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 345 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 230 - 4.30 p.m. R 2: Data analysis and plotting Studio 7, 2nd floor 230 - 4.30 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 4.30 p.m. Python 2: Intro to data analysis using Pandas Studio 8, 2nd floor 230 - 4.30 p.m. Unclooked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 230 - 4.30 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 230 - 4.30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 230 - 4.30 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 230 - 4.30 p.m. Python 3: Data Cleaning and visualization Studio 7, 2nd floor 24.45 - 5.45 p.m. R 3: Gathering and cleaning data Studio 7, 2nd floor 24.45 - 5.45 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 24.45 - 5.45 p.m. Python 3: Data cleaning and visualization Galerie 3. 2nd floor 24.45 - 5.45 p.m. Countdown to the big count. Setting reform Idea to publication Galerie 3, 2nd floor 24.45 - 5.45 p.m. Countdown to the big count Setting ready for Census 2020 Acadia, 3rd floor 24.45 - 5.45 p.m. Countdown to the big count Setting ready for Census 2	2:15 - 5:45 p.m.	Master class: Statistics for journalists	Galerie 5, 2nd floor
245 - 345 p.m. Python 1: The fundamentals Studio 7, 2nd floor 245 - 345 p.m. Python 1: The fundamentals Studio 6, 2nd floor 245 - 345 p.m. Finding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 245 - 345 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 245 - 345 p.m. Using open crime and policing data Galerie 3, 2nd floor 245 - 345 p.m. Year in CAR: Local innovation Acadia, 3rd floor 245 - 345 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 245 - 345 p.m. Finding and researching international connection Galerie 6, 2nd floor 245 - 345 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 330 - 430 p.m. R 2: Data analysis and plotting Studio 7, 2nd floor 2450 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2450 p.m. PDF 1: How to extract text and tables from PDFs like a boss Studio 6, 2nd floor 2450 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 2430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 2430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 330 - 430 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 330 - 430 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 340 p.m. International year in CAR Galerie 6, 2nd floor 3445 - 545 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 340 p.m. Finding the story: Compaign finance 350 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 4445 - 545 p.m. Python 3: Data cleaning and visualization Galerie 3, 2nd floor 445 - 545 p.m. Countdown to the big count: Getting ready for Census 2020 Acadia, 3rd floor Galerie 3, 2nd floor 445 - 545 p.m. Countdown to the big count: Getting ready for Census 2020 Acadia, 3rd floor Galerie 3, 2nd floor 445 - 545 p.m. Advanced data journalism through a browser Galerie 2, 2nd floor Acadia, 3rd fl	2:15 - 3:15 p.m.	Free and easy data viz	Galerie 2, 2nd floor
215 - 315 p.m. Python 1: The fundamentals Studio 6, 2nd filoor 215 - 315 p.m. Finding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 215 - 315 p.m. Campoign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 315 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 315 p.m. Vear in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 315 p.m. Mentoring for diversity and inclusion Galerie 4, 2nd floor 215 - 315 p.m. Mentoring for diversity and inclusion Galerie 4, 2nd floor 215 - 5315 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 215 - 5315 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 7, 2nd floor 216 - 5320 p.m. Python 2: Intro to data analysis using Pandas Studio 8, 2nd floor 230 - 430 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 430 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, and floor 230 - 430 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, and floor 230 - 430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 230 - 430 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 230 - 430 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 4, 2nd floor 230 - 430 p.m. International year in CAR 230 - 430 p.m. International year in CAR 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Countdown to the big count. Getting ready for Census 2020 2445 - 545 p.m. Countdown to the big count. Getting	2:15 - 3:15 p.m.	Excel: Advanced pivot tables	Studio 8, 2nd floor
215 - 315 p.m. Finding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 215 - 315 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 315 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 315 p.m. Year in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 315 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 345 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 215 - 545 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 2, 2nd floor 230 - 430 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 430 p.m. Python 2: Intro to data analysis using Pandas Studio 8, 2nd floor 230 - 430 p.m. PDF 1: How to extract text and tables from PDFs like a boss Studio 8, 2nd floor 230 - 430 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 230 - 430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 230 - 430 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3. 2nd floor 230 - 430 p.m. International year in CAR Galerie 4, 2nd floor 230 - 430 p.m. International year in CAR 230 - 430 p.m. R 3: Gathering and cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Finding the story: Campaign finance 230 - 430 p.m. Python 3: Data cleaning and visualization 230 - 430 p.m. Finding the story: Campaign finance 230 - 430 p.m. Finding the story: Campaign finance 230 - 430 p.m. Countdown to the big count: Getting ready for Census 2020 230 - 430 p.m. Encryption and journalism: From Idea to publication 230 - 430 p.m. Countdown to the big count: Getting ready for Census 2020 230 - 430 p.m. Countdown to t	2:15 - 3:15 p.m.	R 1: Intro to R and RStudio	Studio 7, 2nd floor
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235 - 335 p.m. Using open crime and policing data Galerie 3, 2nd floor 235 - 335 p.m. Year in CAR: Local innovation Acadia, 3rd floor 235 - 335 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 235 - 335 p.m. Finding and researching international connection Galerie 6, 2nd floor 235 - 345 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 230 - 4430 p.m. R 2: Data analysis and plotting Studio 7, 2nd floor 230 - 4430 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 4430 p.m. PDF 1: How to extract text and tables from PDFs like a boss Studio 8, 2nd floor 230 - 4430 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 230 - 4430 p.m. Tracking dark money in the 2020 elections Bissonet, 3rd floor 230 - 4430 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 230 - 4430 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 230 - 4430 p.m. A demo of the Big Local News platform Galerie 6, 2nd floor 230 - 4430 p.m. International year in CAR Galerie 6, 2nd floor 230 - 4430 p.m. Scrollytelling* with Mapbox (repeat) Studio 1, 2nd floor 2445 - 545 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 2445 - 545 p.m. Python 3: Data cleaning and visualization Galerie 3, 2nd floor 2445 - 545 p.m. Finding the story: Campaign finance 2445 - 545 p.m. Countdown to the big count: Getting ready for Census 2020 Acadia, 3rd floor 2445 - 545 p.m. Encryption and journalism: From idea to publication Galerie 6, 2nd floor	2:15 - 3:15 p.m.	Finding the story: Using DNS search for investigative journalism	Studio 1, 2nd floor
235 - 335 p.m. Year in CAR: Local innovation Acadia, 3rd floor 215 - 335 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 215 - 335 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 5365 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 2330 - 4:30 p.m. R 2: Data analysis and plotting Studio 7, 2nd floor 2330 - 4:30 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2330 - 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss Studio 8, 2nd floor 2330 - 4:30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 2330 - 4:30 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 2330 - 4:30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 2330 - 4:30 p.m. Ademo of the Big Local News platform Galerie 4, 2nd floor 2330 - 4:30 p.m. International year in CAR Galerie 6, 2nd floor 230 - 4:30 p.m. Studio 1, 2nd floor 230 - 4:30 p.m. Pscrollytelling" with Mapbox (repeat) Studio 1, 2nd floor 230 - 4:30 p.m. R 3: Gathering and cleaning data Studio 7, 2nd floor 24:45 - 5:45 p.m. Python 3: Data cleaning and visualization Studio 6, 2nd floor 24:45 - 5:45 p.m. Finding the story: Campaign finance 24:45 - 5:45 p.m. Encryption and journalism: From idea to publication Galerie 3, 2nd floor 24:45 - 5:45 p.m. Advanced data journalism: From idea to publication Galerie 3, 2nd floor	2:15 - 3:15 p.m.	Campaign finance questions people ask plus yours!	Galerie 4, 2nd floor
235 - 335 p.m. Mentoring for diversity and inclusion Bissonet, 3rd floor 235 - 335 p.m. Finding and researching international connection Galerie 6, 2nd floor 235 - 5.45 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 230 - 4:30 p.m. R 2: Data analysis and plotting Studio 7, 2nd floor 230 - 4:30 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 230 - 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss Studio 8, 2nd floor 230 - 4:30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 230 - 4:30 p.m. Tracking dark money in the 2020 elections Bissonet, 3rd floor 230 - 4:30 p.m. Investigating bias: From housing to policing Acadia, 3rd floor 230 - 4:30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor 230 - 4:30 p.m. A demo of the Big Local News platform Galerie 4, 2nd floor 230 - 4:30 p.m. International year in CAR Galerie 6, 2nd floor 230 - 4:30 p.m. 'Scrollytelling' with Mapbox (repeat) Studio 1, 2nd floor 240 - 4:45 - 5:45 p.m. R 3: Gathering and cleaning data Studio 7, 2nd floor 241 - 5:45 p.m. Finding the story: Campaign finance Studio 8, 2nd floor 242 - 5:45 p.m. Countdown to the big count: Getting ready for Census 2020 Acadia, 3rd floor 244 - 5:45 p.m. Encryption and journalism: From idea to publication Galerie 3, 2nd floor 244 - 5:45 p.m. Advanced data journalism: From idea to publication Galerie 2, 2nd floor 244 - 5:45 p.m. Advanced data journalism through a browser Galerie 2, 2nd floor	2:15 - 3:15 p.m.	Using open crime and policing data	Galerie 3, 2nd floor
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4:45 - 5:45 p.m. Finding the story: Campaign finance 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. 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.	R 3: Gathering and cleaning data	Studio 7, 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. 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.	Python 3: Data cleaning and visualization	Studio 6, 2nd 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.	Finding the story: Campaign finance	Studio 8, 2nd floor
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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.	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. DataKit install party Galerie 4, 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

Time	Session	Room
4:45 - 5:45 p.m.	Workbench: Reproducible data work without coding	Studio 1, 2nd floor
4:45 - 5:45 p.m.	The wrong things we all do	Bissonet, 3rd 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 - Group A (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.	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.	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 – 10 a.m.	Exploring the radio spectrum for news	Galerie 2, 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, Dʒ!	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 a.m.	Build your own collaborative documentation site: An introduction to Library	Galerie 4, 2nd floor
10:15 – 11:15 a.m.	Interviewing your data	Bissonet, 3rd floor
10:15 – 11:15 a.m.	Finding the story: Data-driven disaster coverage	Studio 10, 2nd floor
11:30 a.m 12:30 p.m.	JavaScript 3: Making a map in D3	Studio 9, 2nd floor
11:30 a.m 12:30 p.m.	Hitchhikers guide to APIs	Studio 7, 2nd floor

Time	Session	Room
11:30 a.m 12:30 p.m.	Finding the story: Using DNS search for investigative journalism (repeat)	Studio 4, 2nd floor
11:30 a.m 12:30 p.m.	Making interactive maps with R	Studio 8, 2nd floor
11:30 a.m 12:30 p.m.	Investigating sexual assault, for newsrooms big and small	Bissonet, 3rd floor
11:30 a.m 12:30 p.m.	Digital sleuthing with Bellingcat	Acadia, 3rd floor
11:30 a.m 12:30 p.m.	FOIA from the flip side	Galerie 3, 2nd floor
11:30 a.m 12:30 p.m.	Excel tricks you've never used	Studio 10, 2nd floor
11:30 a.m 12:30 p.m.	Breaking through coding plateaus	Galerie 4, 2nd floor
2:15 - 5:45 p.m.	ArcGIS: From spreadsheets to StoryMaps (pre-registration required)	Studio 7, 2nd floor
2:15 - 5:45 p.m.	Write better Python code (pre-registration required)	Studio 9, 2nd floor
2:15 - 5:45 p.m.	Master class: Writing the investigative narrative (Friday afternoon)	Galerie 5, 2nd floor
2:15 - 3:15 p.m.	Career paths in data journalism	Bissonet, 3rd floor
2:15 - 3:15 p.m.	Excel 1: Getting started with spreadsheets (repeat)	Studio 8, 2nd floor
2:15 - 3:15 p.m.	SQL 1: Exploring data	Studio 10, 2nd floor
2:15 - 3:15 p.m.	Stats 1: An introduction	Studio 4, 2nd floor
2:15 - 3:15 p.m.	Google Sheets: Scraping without coding (repeat)	Studio 1, 2nd floor
2:15 - 3:15 p.m.	Finding the story: Census data (repeat)	Studio 2, 2nd floor
2:15 - 3:15 p.m.	An automated election twitterbot using R and Python	Studio 3, 2nd floor
2:15 - 3:15 p.m.	Quick-turn data stories	Acadia, 3rd floor
2:15 - 3:15 p.m.	Avant garde data viz	Galerie 6, 2nd floor
2:15 - 3:15 p.m.	Covering disparities in education with data	Galerie 2, 2nd floor
2:15 - 3:15 p.m.	State of newsroom diversity reports	Galerie 4, 2nd floor
3:30 - 4:30 p.m.	Covering undercovered communities	Bissonet, 3rd floor
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

Time	Session	Room
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
6:30 - 7:30 p.m.	Philip Meyer reception	Carondelet, 3rd floor

Saturday, March 7

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 - Group A (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.	Enriched 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 a.m. – 5 p.m.	Exhibitors and recruiters	Studio Foyers, 2nd floo
9 a.m. – 12:30 p.m.	Practical machine learning for investigations with fast.ai (Saturday morning)	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.	Burner profiles: How to safely create social media profiles for your investigations	Acadia, 3rd floor
10:15 – 11:15 a.m.	Unpacking Al's influence in your community	Galerie 2, 2nd floor
10:15 – 11:15 a.m.	Introducing and implementing security protocols in your newsroom	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

Time	Session	Room
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.	Master your data with Power Query for Excel and Power BI	Studio 10, 2nd floor
11:30 a.m 12:30 p.m.	Public Accountability project	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.	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
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.	Leading the data team	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.	Digital security hygiene and threat modeling for journalists	Bissonet, 3rd floor
3:30 - 4:30 p.m.	Finding the story: Campaign finance (repeat)	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.	Bringing data journalism to your student newsroom	Galerie 4, 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
	Geocoding using programming	Studio 6, 2nd floor

Sunday, March 8

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Time	Session	Room
9 – 10 a.m.	JavaScript 2: Hello Dʒ! (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.	2020 Election 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
11:30 a.m 12:30 p.m.	Mapping in Python	Studio 9, 2nd floor