



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 4, 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

1015 - 113 5 a.m. Crecite interactive demographic maps in minutes with ArcGIS Online Studio 7, 2nd floor 113 0 a.m 1230 p.m. Dotto and docs for your carenal Bissonet, 3nd floor 113 0 a.m 1230 p.m. Excel 3 Filtering & pivot toldes Studio 8, 2nd floor 113 0 a.m 1230 p.m. Python. Let's screep a website Studio 9, 2nd floor 113 0 a.m 1230 p.m. Google Sheets: Scroping without coding Studio 1, 2nd floor 113 0 a.m 1230 p.m. Google Sheets: Scroping without coding Studio 2, 3nd floor 1130 a.m 1230 p.m. Google Sheets: Scroping without coding Studio 3, 3nd floor 1130 a.m 1230 p.m. Bringing dots journalism to your student newsroom Golerie 4, and floor 1130 a.m 1230 p.m. Bringing dots journalism to your student newsroom Studio 7, and floor 1130 a.m 1230 p.m. Occerring the Coronovirus Reporting on local emergency preparedness Studio 7, and floor 1130 a.m 1230 p.m. Introduction to Google Date Studio Studio 7, and floor 1130 a.m 1230 p.m. Octoring the Coronovirus Reporting on local emergency preparedness Studio 7, and floor 1130 a.m 1230 p.m. Octoring the Coronovirus Reporting the studio and studio and studio and studio and studi	Time	Session	Room
11.50 a.m 12.50 p.m. Data and does for your arisenal Studies Studie 8, 2nd floor 11.50 a.m 12.50 p.m. Python: Let's scrope a website Studie 8, 2nd floor 11.50 a.m 12.50 p.m. Google Sheet's Scroping without coding Studies 1. 2nd floor 11.50 a.m 12.50 p.m. Google Sheet's Scroping without coding Studies 1. 2nd floor 11.50 a.m 12.50 p.m. Dotasetts: An ecasystem of tools for exploring data and collaborating and state projects Projects Studies 8, 2nd floor 11.50 a.m 12.50 p.m. Dotasetts: An ecasystem of tools for exploring data and collaborating and state projects Studies 8, 2nd floor 11.50 a.m 12.50 p.m. Dotasetts: An ecasystem of tools for exploring data and collaborating and state projects Studies 8, 2nd floor 11.50 a.m 12.50 p.m. Dotasetts: An ecasystem of tools for exploring data and collaborating and state projects 11.50 a.m 12.50 p.m. Dotasetts: An ecasystem of tools for exploring data and collaborating and state projects 11.50 a.m 12.50 p.m. Dotaset cleaning with OpenBefine 2s More advanced uses Studies 7, 2nd floor 11.50 a.m 12.50 p.m. Dotaset cleaning with OpenBefine 2s More advanced uses Studies 7, 2nd floor 11.50 a.m 12.50 p.m. Introduction to Google Data Studies 12.50 a.m. Dotaset 12.50 p.m. Introduction to web development (pre-registration required) Studies 2, 2nd floor 12.55 - 5.45 p.m. Introduction to web development (pre-registration required) Studies 3, 2nd floor 12.55 - 5.45 p.m. Moster class Studies 5 rejournalists Grophen Studies 2. 2nd floor 12.55 - 5.45 p.m. Moster class Studies 5 rejournalists 1. 2nd floor 12.55 p.m. Pre-registration required Studies 2. 2nd floor 12.55 - 5.45 p.m. Moster class Studies 2. 3nd floor 12.55 - 5.45 p.m. Moster class Studies 2. 3nd floor 12.55 - 5.45 p.m. Moster class Studies 2. 3nd floor 12.55 - 5.45 p.m. Pre-registration required Studies 2. 3nd floor 12.55 - 5.45 p.m. Studies 2. 3nd floor 12.55 - 5.45 p.m. Dotase newscoams can produce batter journalism Let's make it happen Studies 2. 2nd floor 12.55 - 5.45 p.m. Campaign flanace	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. Excel 3. Filtering & pivot tables Studio 9. 2nd floor 11.30 a.m 12.30 p.m. Python. Let's scrapp 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. Covering polls and understanding beat palling practices for 2020 Acade. 3rd floor 11.30 a.m 12.30 p.m. Bringing data journalism to your student newsroom Galerie 4. 2nd floor 11.30 a.m 12.30 p.m. Covering the Coronavirus Reporting on local emergency preparedness Galerie 2. 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. Introduction to Google Data Studio Galerie 3. 4nd floor 11.30 a.m 12.30 p.m. Introduction to Google Data Studio Galerie 6. 3nd floor 11.40 a.m 12.30 p.m. Introduction to Google Data Studio Studio 3. 2nd floor 11.45 a.p. 3.p. m. Introduction to web development (pre- registration required) Studio 3. 2nd floor 215 - 5.45 p.m. Introduction to web development (pre- registration required) Studio 3. 2nd floor 215 - 5.45 p.m. First Observable notebook: Prototyping with polish (pre- registration required) St	11:30 a.m 12:30 p.m.	Investigating natural disasters: What to do before, during and after	Galerie 3, 2nd floor
113.0 a.m 123.0 p.m. Python. Let's scrope a website Studio 9, and floor 113.0 a.m 123.0 p.m. Coogle Sheets. Scroping without coding Studio 1, and floor 113.0 a.m 123.0 p.m. Covering polls and understanding best polling practices for 2020 Acadia, 3rd floor 113.0 a.m 123.0 p.m. Obtasetter: An accesystem of tools for exploring data and collaborating and data principles. Studio 4, and floor 113.0 a.m 123.0 p.m. Obtasetter: An accesystem of tools for exploring data and collaborating and data principles. Generic 4, and floor 113.0 a.m 123.0 p.m. Obtaining with Coronavirus Reporting on local emergency preparedness Geleric 4, and floor 113.0 a.m 123.0 p.m. Obtain graphics with R Studio 10, and floor 113.0 a.m 123.0 p.m. Data cleaning with OpenBefine 2. Mare advanced uses Studio 2, and floor 2145 - 2 p.m. Juris of tool for the newsroom meetup Corondelet 3 of floor 2145 - 2 p.m. Introduction to Google Data Studio Studio 2, and floor 215 - 545 p.m. Introduction to web development (pre-registration required) Studio 3, and floor 215 - 545 p.m. Free and easy dots viz. Scrob Advanced prove tools per registration required) Studio 3, and floor <	11:30 a.m 12:30 p.m.	Data and docs for your arsenal	Bissonet, 3rd floor
113 On a.m. 123 Op Jm. Google Sheets. Scraping without coding Studio 1, and floor 113 On a.m. 123 Op Jm. Covering polls and understanding best polling practices for 2020 Acadio, 3rd floor 113 On a.m. 123 Op Jm. Detasetter: An ecosystem of tools for exploring data and collaborating on data Studio 4, and floor 113 On a.m. 123 Op Jm. Covering the Coronavirus Reporting on local emergency preparedness Gelerie 4, and floor 113 On a.m. 123 Op Jm. Making graphics with R Studio 10, and floor 113 On a.m. 123 Op Jm. Making graphics with R Studio 10, and floor 114 On a.m. 123 Op Jm. Data cleaning with OpenRefine 2. More advanced uses Studio 10, and floor 114 On a.m. 123 Op Jm. District of Reference in the newsroom meetup Corondelet, 3rd floor 124 - 2 p.m. Juris to Reference gistration required Studio 2, and floor 215 - 543 Dp.m. Introduction to web development (pre-registration required) Studio 3, and floor 215 - 543 Dp.m. Prist Observable notebook: Prototyping with polish (pre-registration required) Studio 3, and floor 215 - 343 Dp.m. Prist Observable notebook: Prototyping with polish (pre-registration required) Studio 3, and floor 215 - 343 Dp.m. Prist on an	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. Covering polls and understanding best polling practices for 2020 Acadia, 3rd floor 11.30 a.m 12.30 p.m. Datasetter An ecosystem of tools for exploring data and collaborating on data projects 11.30 a.m 12.30 p.m. Bringing data pour student newsroom Gelerie 4, 2nd floor 11.30 a.m 12.30 p.m. Covering the Coronovirus Reporting on local emergency preparedness Gelerie 2, 2nd floor 11.30 a.m 12.30 p.m. Data cleaning with OpenRefine 2: More advanced uses Studio 7, 2nd floor 11.30 a.m 12.30 p.m. Data cleaning with OpenRefine 2: More advanced uses Studio 7, 2nd floor 11.30 a.m 12.30 p.m. Introduction to Geogle Data Studio Coronovirus Reporting on local emergency preparedness Studio 7, 2nd floor 12.45 - 2 p.m. Introduction to Geogle Data Studio Coronovirus Reporting on Coronovirus Reporting on Introduction to Geogle Data Studio Coronovirus Reporting on Coronovirus Reporting Open Coronovirus Repo	11:30 a.m 12:30 p.m.	Python: Let's scrape a website	Studio 9, 2nd floor
Datasette: An ecosystem of tools for exploring data and collaborating an data projects 11.30 a.m 12.30 p.m. Bringing data journalism to your student newsroom 11.30 a.m 12.30 p.m. Covering the Coronavirus: Reporting on local emergency preparedness 11.30 a.m 12.30 p.m. Making graphics with R 11.30 a.m 12.30 p.m. Making graphics with R 11.30 a.m 12.30 p.m. Introduction to Google Data Studio 11.30 a.m 12.30 p.m. Journalists of color in the newsroom meetup 12.45 - 2 p.m. Journalists of color in the newsroom meetup 12.45 - 2 p.m. Introduction to Representation required) 12.55 - 5.45 p.m. Introduction to web development (pre-registration required) 12.55 - 5.45 p.m. Introduction to web development (pre-registration required) 12.55 - 5.45 p.m. Master class: Statistics for journalists 12.55 - 5.45 p.m. First Observable notebook: Prototyping with polish (pre-registration required) 12.55 - 3.45 p.m. Free and easy data viz 12.55 - 3.45 p.m. R: Intro ta R and RStudio 12.55 - 3.45 p.m. R: Intro ta R and RStudio 12.55 - 3.45 p.m. R: Intro ta R and RStudio 12.55 - 3.45 p.m. Python t: The fundamentals 12.55 - 3.45 p.m. Compaign finance questions people ask. plus yours! 12.55 - 3.45 p.m. Vear in CAR: Local innovation 12.55 - 3.45 p.m. Vear in CAR: Local innovation 12.55 - 3.45 p.m. Press newsrooms can produce better journalism: Let's make it happen 12.55 - 3.45 p.m. Produced private tool of the pression of the	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.	11:30 a.m 12:30 p.m.	Covering polls and understanding best polling practices for 2020	Acadia, 3rd floor
11:30 a.m 12:30 p.m. Covering the Coronavirus Reporting on local emergency preparedness Gelerie 2, 2nd floor 11:30 a.m 12:30 p.m. Moking graphics with R Studio 1. 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 12:45 - 2 p.m. Journalists of color in the newsroom meetup Studio 2, 2nd floor 12:45 - 5:45 p.m. Intro to R (pre-registration required) Studio 3, 2nd floor 12:45 - 5:45 p.m. Intro duction to web development (pre-registration required) Studio 3, 2nd floor 12:5 - 5:45 p.m. First Observable notebook: 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 13:5 - 3:45 p.m. Free and easy data viz Galerie 3, 2nd floor 13:5 - 3:45 p.m. Excel: Advanced pivot tables Studio 3, 2nd floor 13:5 - 3:45 p.m. R intro to R and RStudio 12:5 - 3:45 p.m. Python 1: The fundamentals Studio 3, 2nd floor 13:5 - 3:45 p.m. Python 1: The fundamentals Studio 3, 2nd floor 13:5 - 3:45 p.m. Campaign finance questions people ask plus yours! Galerie 3, 2nd floor 13:5 - 3:45 p.m. Vear in CAR: Local innovation Galerie 3, 2nd floor 13:5 - 3:45 p.m. Vear in CAR: Local innovation Galerie 3, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 4, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 4, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 4, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 4, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 4, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 4, 2nd floor 13:5 - 3:45 p.m. Pinding and researching international connection Galerie 5, 2nd floor 13:5 - 3:45 p.m. Pinding and researching floor people planes and politing Galerie 5, 2nd floor 13:5 - 3:4	11:30 a.m 12:30 p.m.		Studio 6, 2nd floor
11.30 a.m 12.30 p.m. Making grophics with R 11.30 a.m 12.30 p.m. Data cleaning with OpenRefine 2: More advanced uses 11.30 a.m 12.30 p.m. Introduction to Google Data Studio 11.30 a.m 12.30 p.m. Journalists of color in the newsroom meetup 21.5 - 5.45 p.m. Journalists of color in the newsroom meetup 21.5 - 5.45 p.m. Intro to R (pre-registration required) 21.5 - 5.45 p.m. Introduction to web development (pre-registration required) 21.5 - 5.45 p.m. Introduction to web development (pre-registration required) 21.5 - 5.45 p.m. First Observable notebook: Prototyping with polish (pre-registration required) 21.5 - 5.45 p.m. Master class: Statistics for journalists 21.5 - 5.45 p.m. Free and easy data viz 21.5 - 3.45 p.m. Free and easy data viz 21.5 - 3.45 p.m. Excel: Advanced pivot tables 21.5 - 3.45 p.m. Python 1: The fundamentals 21.5 - 3.45 p.m. Python 1: The fundamentals 21.5 - 3.45 p.m. Python 1: The fundamentals 21.5 - 3.45 p.m. Campoign finance questions people ask plus yoursl 21.5 - 3.45 p.m. Vear in CAR: Local innovation 21.5 - 3.45 p.m. Vear in CAR: Local innovation 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding and researching international connection 21.5 - 3.45 p.m. Pinding	11:30 a.m 12:30 p.m.	Bringing data journalism to your student newsroom	Galerie 4, 2nd floor
11.30 a.m 12.30 p.m. Data cleaning with OpenRefine 2: More advanced uses Studio 10, 2nd floor 11.30 a.m 12.30 p.m. Introduction to Google Data Studio Carondelet, 3rd floor 12.45 - 2 p.m. Journalists of color in the newsroom meetup Carondelet, 3rd floor 12.45 - 5.45 p.m. Intro to R (pre-registration required) Studio 2, 2nd floor 12.5 - 5.45 p.m. Introduction to web development (pre-registration required) Studio 3, 2nd floor 12.5 - 5.45 p.m. First Observable notebook: 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. Master class. Statistics for journalists Galerie 2, 2nd floor 12.5 - 5.45 p.m. Excel: Advanced pivot tables Studio 3, 2nd floor 12.5 - 5.45 p.m. R 1: Intro to R and RStudio Studio 3, 2nd floor 12.5 - 5.45 p.m. Python 1: The fundamentals Studio 3, 2nd floor 12.5 - 5.45 p.m. Python 1: The fundamentals Studio 4, 2nd floor 12.5 - 5.45 p.m. Python 1: The fundamentals Studio 4, 2nd floor 12.5 - 5.45 p.m. Using open crime and policing data Galerie 2, 2nd floor 12.5 - 5.45 p.m. Vear in CAR: Local innovation Galerie 3, 2nd floor 12.5 - 5.45 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 12.5 - 5.45 p.m. Pinding and researching international connection Galerie 6, 2nd floor 12.5 - 5.45 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 - 5.45 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 - 5.45 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 - 5.45 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 2.5 p.m. Unclooked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 3.30 p.m. Python 2: Intr	11:30 a.m 12:30 p.m.	Covering the Coronavirus: Reporting on local emergency preparedness	Galerie 2, 2nd floor
11.30 a.m 12.30 p.m. Introduction to Google Data Studio Golerie 6, 2nd floor 12.45 - 2 p.m. Journalists of color in the newsroom meetup 215 - 5.45 p.m. Intro to R (pre-registration required) Studio 2, 2nd floor 215 - 5.45 p.m. Introduction to web development (pre-registration required) Studio 3, 2nd floor 215 - 5.45 p.m. First Observable notebook: Prototyping with polish (pre-registration required) Studio 3, 2nd floor 215 - 5.45 p.m. Master class: Statistics for journalists Golerie 2, 2nd floor 215 - 5.45 p.m. Free and easy data viz Golerie 2, 2nd floor 215 - 3.15 p.m. Free and Easy data viz Golerie 2, 2nd floor 215 - 3.15 p.m. R 1: Intro to R and RStudio Studio 3, 2nd floor 215 - 3.15 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 3.15 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 3.15 p.m. Campaign finance questions people ask plus yours! Golerie 2, 2nd floor 215 - 3.15 p.m. Using open crime and policing data Golerie 3, 2nd floor 215 - 3.15 p.m. Vear in CAR: Local innovation Acadia, 3rd floor 215 - 3.15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 215 - 3.15 p.m. Pinding and researching international connection Golerie 6, 2nd floor 215 - 3.15 p.m. Raziering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 3.30 - 4.30 p.m. Python 2: Intro to data analysis using Pandas 3.30 - 4.30 p.m. Python 2: Intro to data analysis using Pandas 3.30 - 4.30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns 3.30 - 4.30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns 3.30 - 4.30 p.m. Investigating bias: From housing to policing 3.30 - 4.30 p.m. Investigating bias: From housing to policing 3.30 - 4.30 p.m. Investigating bias: From housing to policing	11:30 a.m 12:30 p.m.	Making graphics with R	Studio 7, 2nd floor
12:45 - 2 p.m.Journalists of color in the newsroom meetupCarondelet, 3rd floor2:15 - 5:45 p.m.Intro to R (pre-registration required)Studio 2, 2nd floor2:15 - 5:45 p.m.Introduction to web development (pre-registration required)Studio 9, 2nd floor2:15 - 5:45 p.m.First Observable notebook: Prototyping with polish (pre-registration required)Studio 3, 2nd floor2:15 - 5:45 p.m.Master class: Statistics for journalistsGalerie 5, 2nd floor2:15 - 3:15 p.m.Free and easy data vizGalerie 2, 2nd floor2:15 - 3:15 p.m.Excel: Advanced pivot tablesStudio 8, 2nd floor2:15 - 3:15 p.m.R 1: Intro to R and RStudioStudio 7, 2nd floor2:15 - 3:15 p.m.Python 1: The fundamentalsStudio 6, 2nd floor2:15 - 3:15 p.m.Python 1: The fundamentalsStudio 6, 2nd floor2:15 - 3:15 p.m.Campaign finance questions people ask plus yours!Galerie 4, 2nd floor2:15 - 3:15 p.m.Using open crime and policing dataGalerie 3, 2nd floor2:15 - 3:15 p.m.Vear in CAR: Local innovationAcadia, 3rd floor2:15 - 3:15 p.m.Diverse newsrooms can produce better journalism: Let's make it happenBissonet, 3rd floor2:15 - 3:15 p.m.Pinding and researching international connectionGalerie 6, 2nd floor2:15 - 5:45 p.m.Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday)Studio 10, 2nd floor2:15 - 5:45 p.m.Python 2: Intro to data analysis using PondasStudio 6, 2nd floor3:30 - 4:30 p.m.Python 2: Intro to data analysis using Pondas </td <td>11:30 a.m 12:30 p.m.</td> <td>Data cleaning with OpenRefine 2: More advanced uses</td> <td>Studio 10, 2nd floor</td>	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.Intro to R (pre-registration required)Studio 2, 2nd floor215 - 5:45 p.m.Introduction to web development (pre-registration required)Studio 9, 2nd floor215 - 5:45 p.m.First Observable notebook: Prototyping with polish (pre-registration required)Studio 3, 2nd floor215 - 5:45 p.m.Master class: Statistics for journalistsGalerie 5, 2nd floor215 - 3:15 p.m.Free and easy data vizGalerie 2, 2nd floor215 - 3:15 p.m.Excel: Advanced pivot tablesStudio 8, 2nd floor215 - 3:15 p.m.R 1: Intro to R and RStudioStudio 7, 2nd floor215 - 3:15 p.m.Python 1: The fundamentalsStudio 7, 2nd floor215 - 3:15 p.m.Finding the story: Using DNS search for investigative journalismStudio 1, 2nd floor215 - 3:15 p.m.Campaign finance questions people ask plus yours!Galerie 4, 2nd floor215 - 3:15 p.m.Using open crime and policing dataGalerie 3, 2nd floor215 - 3:15 p.m.Vear in CAR: Local innovationAcadia, 3rd floor2:15 - 3:15 p.m.Diverse newsrooms can produce better journalism: Let's make it happenBissonet, 3rd floor2:15 - 3:15 p.m.Finding and researching international connectionGalerie 6, 2nd floor2:15 - 3:45 p.m.Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required)Studio 7, 2nd floor2:15 - 5:45 p.m.Python 2: Intro to data analysis using PondasStudio 6, 2nd floor3:30 - 4:30 p.m.Python 2: Intro to data analysis using PondasStudio 6, 2nd floor3:30 - 4:30 p	11:30 a.m 12:30 p.m.	Introduction to Google Data Studio	Galerie 6, 2nd floor
215 - 5.45 p.m. First Observable notebook: Prototyping with polish (pre-registration required) Studio 9, 2nd floor 215 - 5.45 p.m. First Observable notebook: Prototyping with polish (pre-registration required) Studio 3, 2nd floor 215 - 5.45 p.m. Master class: Statistics for journalists Galerie 5, 2nd floor 215 - 3.45 p.m. Free and easy data viz Galerie 2, 2nd floor 215 - 3.45 p.m. Excel: Advanced pivot tables Studio 8, 2nd floor 215 - 3.45 p.m. R1: Intro to R and RStudio Studio 8, 2nd floor 215 - 3.45 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 3.45 p.m. Python 1: The fundamentals Studio 1, 2nd floor 215 - 3.45 p.m. Finding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 215 - 3.45 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 3.45 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 3.45 p.m. Year in CAR: Local innovation Acadia, 3rd floor 215 - 3.45 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 215 - 3.45 p.m. Pinding and researching international connection Galerie 6, 2nd floor 215 - 3.45 p.m. R2: Data analysis and plotting Studio 10, 2nd floor 215 - 3.45 p.m. R2: Data analysis and plotting Studio 10, 2nd floor 215 - 3.45 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 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. 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 Galerie 3, 2nd floor 3.30 - 4.30 p.m. Investigating bias: From housing to policing Acadia, 3rd floor Galerie 3, 2nd floor 3.30 - 4.30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor Galerie 3, 2nd floor	12:45 - 2 p.m.	Journalists of color in the newsroom meetup	Carondelet, 3rd floor
215 - 5.45 p.m.First Observable notebook: Prototyping with polish (pre-registration required)Studio 3, 2nd floor215 - 5.45 p.m.Master class: Statistics for journalistsGalerie 5, 2nd floor215 - 3.15 p.m.Free and easy data vizGalerie 2, 2nd floor215 - 3.15 p.m.Excel: Advanced pivot tablesStudio 8, 2nd floor215 - 3.15 p.m.R 1: Intro to R and RStudioStudio 7, 2nd floor215 - 3.15 p.m.Python 1: The fundamentalsStudio 6, 2nd floor215 - 3.15 p.m.Finding the story: Using DNS search for investigative journalismStudio 1, 2nd floor215 - 3.15 p.m.Campaign finance questions people ask plus yours!Galerie 4, 2nd floor215 - 3.15 p.m.Using open crime and policing dataGalerie 3, 2nd floor215 - 3.15 p.m.Year in CAR: Local innovationAcadia, 3rd floor215 - 3.15 p.m.Diverse newsrooms can produce better journalism: Let's make it happenBissonet, 3rd floor215 - 3.15 p.m.Finding and researching international connectionGalerie 6, 2nd floor215 - 3.15 p.m.Finding and researching international connectionGalerie 6, 2nd floor215 - 3.15 p.m.Putation required)Studio 10, 2nd floor3:30 - 4:30 p.m.Python 2: Intro to data analysis using PandasStudio 7, 2nd floor3:30 - 4:30 p.m.Python 2: Intro to data analysis using PandasStudio 6, 2nd floor3:30 - 4:30 p.m.PDF 1: How to extract text and tables from PDFs like a bossStudio 8, 2nd floor3:30 - 4:30 p.m.Incolaked: Flight tracking for investigating people, planes and patterns </td <td>2:15 - 5:45 p.m.</td> <td>Intro to R (pre-registration required)</td> <td>Studio 2, 2nd floor</td>	2:15 - 5:45 p.m.	Intro to R (pre-registration required)	Studio 2, 2nd floor
215 - 5:45 p.m. Master class: Statistics for journalists Galerie 5, 2nd floor 215 - 3:15 p.m. Free and easy data viz Excel: Advanced pivot tables Studio 8, 2nd floor 215 - 3:15 p.m. R: Intro to R and RStudio Studio 7, 2nd floor 215 - 3:15 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 3:15 p.m. Python 1: The fundamentals Studio 6, 2nd floor 215 - 3:15 p.m. Finding the story: Using DNS search for investigative journalism Studio 1, 2nd floor 215 - 3:15 p.m. Campaign finance questions people ask plus yours! Galerie 4, 2nd floor 215 - 3:15 p.m. Using open crime and policing data Galerie 3, 2nd floor 215 - 3:15 p.m. Vear in CAR: Local innovation Acadia, 3rd floor 215 - 3:15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 215 - 3:15 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 3:45 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 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. Investigating bias: From housing to policing Scalago - 4:30 p.m. Investigating bias: From housing to policing Scalago - 4:30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor	2:15 - 5:45 p.m.	Introduction to web development (pre-registration required)	Studio 9, 2nd floor
215 - 315 p.m. Excel: Advanced pivot tables 215 - 315 p.m. Excel: Advanced pivot tables 215 - 315 p.m. R 1: Intro to R and RStudio 215 - 315 p.m. Python 1: The fundamentals 215 - 315 p.m. Python 1: The fundamentals 215 - 315 p.m. Finding the story: Using DNS search for investigative journalism 215 - 315 p.m. Campaign finance questions people ask plus yours! 215 - 315 p.m. Using open crime and policing data 215 - 315 p.m. Vear in CAR: Local innovation 215 - 315 p.m. Diverse newsrooms can produce better journalism: Let's make it happen 215 - 315 p.m. Diverse newsrooms can produce better journalism: Let's make it happen 215 - 315 p.m. Finding and researching international connection 215 - 315 p.m. Finding and researching international connection 215 - 5:45 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) 215 - 5:45 p.m. R 2: Data analysis and plotting 230 - 4:30 p.m. Python 2: Intro to data analysis using Pandas 230 - 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss 230 - 4:30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns 230 - 4:30 p.m. Investigating bias: From housing to policing 230 - 4:30 p.m. Investigating bias: From housing to policing 230 - 4:30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor	2:15 - 5:45 p.m.	First Observable notebook: Prototyping with polish (pre-registration required)	Studio 3, 2nd floor
Excel: Advanced pivot tables Richtro to R and RStudio Python 1: The fundamentals Studio 8, 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. Year in CAR: Local innovation Acadia, 3rd floor 215 - 315 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 215 - 315 p.m. Finding and researching international connection Galerie 6, 2nd floor 215 - 5.45 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 330 - 4:30 p.m. Python 2: Intro to data analysis using Pandas Studio 6, 2nd floor 330 - 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss Studio 8, 2nd floor 340 - 4:30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Galerie 2, 2nd floor 330 - 4:30 p.m. Tracking dark money in the 2020 elections Bissonet, 3rd floor 330 - 4:30 p.m. Investigating bias: From housing to policing Acadia, 3rd floor	2:15 - 5:45 p.m.	Master class: Statistics for journalists	Galerie 5, 2nd floor
2:15 - 3:15 p.m. Python 1: The fundamentals Studio 6, 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. Vear in CAR: Local innovation Acadia, 3rd floor 2:15 - 3:15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 2:15 - 3:15 p.m. Finding and researching international connection Galerie 6, 2nd floor 2:15 - 3:15 p.m. Finding and researching international connection Galerie 6, 2nd floor 2:15 - 5:45 p.m. R 2: Data analysis and plotting Studio 7, 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. DPF 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. 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	2:15 - 3:15 p.m.	Free and easy data viz	Galerie 2, 2nd floor
Python 1: The fundamentals 2:15 - 3:15 p.m. Finding the story: Using DNS search for investigative journalism 2:15 - 3:15 p.m. Campaign finance questions people ask plus yours! Campaign finance questions people ask plus yours! Campaign finance questions people ask plus yours! Calsi - 3:15 p.m. Using open crime and policing data Calcrie 3, 2nd floor 2:15 - 3:15 p.m. Vear in CAR: Local innovation Acadia, 3rd floor 2:15 - 3:15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 2:15 - 3:15 p.m. Finding and researching international connection Calcrie 6, 2nd floor 2:15 - 3:15 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) Studio 10, 2nd floor 2:15 - 5:45 p.m. R2: Data analysis and plotting 3:30 - 4:30 p.m. Python 2: Intro to data analysis using Pandas 3:30 - 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss 3:30 - 4:30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns Calcrie 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 DataKit: Workflow automation for the newsroom and classroom Calcrie 3, 2nd floor	2:15 - 3:15 p.m.	Excel: Advanced pivot tables	Studio 8, 2nd floor
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. Diverse newsrooms can produce better journalism: Let's make it happen 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) 3:30 - 4:30 p.m. Python 2: Intro to data analysis using Pandas 3:30 - 4:30 p.m. PDF1: How to extract text and tables from PDFs like a boss Studio 8, 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 Galerie 3, 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. Using open crime and policing data Galerie 4, 2nd floor 2:15 - 3:15 p.m. Year in CAR: Local innovation Acadia, 3rd floor 2:15 - 3:15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 2:15 - 3:15 p.m. Finding and researching international connection Galerie 6, 2nd floor 2:15 - 3:15 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 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. Investigating bias: From housing to policing Acadia, 3rd floor 3:30 - 4:30 p.m. Investigating bias: From housing to policing Galerie 3, 2nd floor	2:15 - 3:15 p.m.	Python 1: The fundamentals	Studio 6, 2nd floor
2:15 - 3:15 p.m. Year in CAR: Local innovation Acadia, 3rd floor 2:15 - 3:15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 2:15 - 3:15 p.m. Finding and researching international connection Galerie 6, 2nd floor 2:15 - 3:15 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 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 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	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. Year in CAR: Local innovation Acadia, 3rd floor 2:15 - 3:15 p.m. Diverse newsrooms can produce better journalism: Let's make it happen Bissonet, 3rd floor 2:15 - 3:15 p.m. Finding and researching international connection Galerie 6, 2nd floor 2:15 - 3:15 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 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. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 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. Diverse newsrooms can produce better journalism: Let's make it happen 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) 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	2:15 - 3:15 p.m.	Using open crime and policing data	Galerie 3, 2nd 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) 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	2:15 - 3:15 p.m.	Year in CAR: Local innovation	Acadia, 3rd floor
2:15 - 5:45 p.m. Mastering Google Sheets: Web scraping, running scripts and other tricks (Thursday) (pre-registration required) 3:30 - 4:30 p.m. R 2: Data analysis and plotting 5tudio 7, 2nd floor 3:30 - 4:30 p.m. Python 2: Intro to data analysis using Pandas 5tudio 6, 2nd floor 3:30 - 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss 5tudio 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	2:15 - 3:15 p.m.	Diverse newsrooms can produce better journalism: Let's make it happen	Bissonet, 3rd floor
2:15 – 5:45 p.m. (pre-registration required) 3:30 – 4:30 p.m. R 2: Data analysis and plotting 3:30 – 4:30 p.m. Python 2: Intro to data analysis using Pandas 3:30 – 4:30 p.m. PDF 1: How to extract text and tables from PDFs like a boss 3:30 – 4:30 p.m. Uncloaked: Flight tracking for investigating people, planes and patterns 3:30 – 4:30 p.m. Tracking dark money in the 2020 elections 3:30 – 4:30 p.m. Investigating bias: From housing to policing 3:30 – 4:30 p.m. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 2nd floor	2:15 - 3:15 p.m.	Finding and researching international connection	Galerie 6, 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	2:15 - 5:45 p.m.		Studio 10, 2nd floor
3:30 - 4:30 p.m.PDF 1: How to extract text and tables from PDFs like a bossStudio 8, 2nd floor3:30 - 4:30 p.m.Uncloaked: Flight tracking for investigating people, planes and patternsGalerie 2, 2nd floor3:30 - 4:30 p.m.Tracking dark money in the 2020 electionsBissonet, 3rd floor3:30 - 4:30 p.m.Investigating bias: From housing to policingAcadia, 3rd floor3:30 - 4:30 p.m.DataKit: Workflow automation for the newsroom and classroomGalerie 3, 2nd floor	3:30 - 4:30 p.m.	R 2: Data analysis and plotting	Studio 7, 2nd floor
3:30 - 4:30 p.m.Uncloaked: Flight tracking for investigating people, planes and patternsGalerie 2, 2nd floor3:30 - 4:30 p.m.Tracking dark money in the 2020 electionsBissonet, 3rd floor3:30 - 4:30 p.m.Investigating bias: From housing to policingAcadia, 3rd floor3:30 - 4:30 p.m.DataKit: Workflow automation for the newsroom and classroomGalerie 3, 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.Tracking dark money in the 2020 electionsBissonet, 3rd floor3:30 - 4:30 p.m.Investigating bias: From housing to policingAcadia, 3rd floor3:30 - 4:30 p.m.DataKit: Workflow automation for the newsroom and classroomGalerie 3, 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.Investigating bias: From housing to policingAcadia, 3rd floor3:30 - 4:30 p.m.DataKit: Workflow automation for the newsroom and classroomGalerie 3, 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. DataKit: Workflow automation for the newsroom and classroom Galerie 3, 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. 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
1015 - 1115 a.m. Advanced Tableau Studio 7, 2nd floor 1015 - 1115 a.m. Scroping in R Studio 8, 2nd floor 1015 - 1115 a.m. Date Bltz Galaria 3, 2nd floor 1015 - 1115 a.m. Byword the horserace of election results graphics Galeria 4, 2nd floor 1015 - 1115 a.m. Build your own collaborative documentation site; An introduction to Library Galeria 4, 2nd floor 1015 - 1115 a.m. Interviewing your date Bissonet, 3nd floor 1150 a.m 1230 p.m. Everything we know about covering guns, in one hour Galeria 6, 2nd floor 1150 a.m 1230 p.m. Everything we know about covering guns, in one hour Studio 9, 2nd floor 1150 a.m 1230 p.m. Finding the story Using DNS search for investigative journalism (repeat) Studio 7, 2nd floor 1150 a.m 1230 p.m. Inding the story Using DNS search for investigative journalism (repeat) Studio 8, 2nd floor 1150 a.m 1230 p.m. Investigating sexual assault, for newsrooms big and small Bissonet, 3nd floor 1150 a.m 1230 p.m. Investigating sexual assault, for newsrooms big and small Bissonet, 3nd floor 1150 a.m 1230 p.m. Digital sleuthing with Bellingect Acadia, 3nd floor 1150 a	10:15 - 11:15 a.m.	Google Sheets: Custom formulas and automating tasks with the script editor	Studio 4, 2nd floor
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
1015 - 1115 a.m. Beyond the horserace of election results graphics Golerie 4, 2nd floor 1015 - 1115 a.m. Build your own collaborative documentation site: An introduction to Library Golerie 4, 2nd floor 1015 - 1115 a.m. Interviewing your data Bissonet, 3rd floor 1015 - 1115 a.m. Interviewing your data Bissonet, 3rd floor 1015 - 1115 a.m. Finding the story: Data-driven disaster coverage Studio 10, 2nd floor 1130 a.m. 1230 p.m. Everything we know about covering guns, in one hour Golerie 6, 2nd floor 1130 a.m. 1230 p.m. JavoScript 3 Making a map in D3 Studio 9, 2nd floor 1130 a.m. 1230 p.m. Hitchhikers guide to APIs Julia 9 a.m. 1230 p.m. Making interactive maps with R Studio 8, and floor 1130 a.m. 1230 p.m. Making interactive maps with R Studio 8, and floor 1130 a.m. 1230 p.m. Investigating sexual assault, for newsrooms big and small Bissonet, 3rd floor 1130 a.m. 1230 p.m. Data on the wildfire beat Golerie 2, 2nd floor 1130 a.m. 1230 p.m. Data on the wildfire beat Golerie 2, 2nd floor 1130 a.m. 1230 p.m. Digital sleuthing with Bellingcat Acadia, 3rd floor 1130 a.m. 1230 p.m. Digital sleuthing with Bellingcat Acadia, 3rd floor 1130 a.m. 1230 p.m. Excel tricks you've never used Studio 10, 2nd floor 1130 a.m. 1230 p.m. Breaking through coding plateaus Golerie 4, 2nd floor 1130 a.m. 1230 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 1130 a.m. 1230 p.m. Master class Writing the investigative narrative (Friday afternoon) Studio 7, 2nd floor 125 - 545 p.m. Master class Writing the investigative narrative (Friday afternoon) Studio 7, 2nd floor 125 - 545 p.m. Stats in An introduction Studio 7 and floor 125 - 545 p.m. Stats in An introduction Studio 7 and floor 125 - 545 p.m. Stats in An introduction Studio 7 and floor 125 - 545 p.m. Stats in An introduction Studio 7 and floor 125 - 545 p.m. An automated election twitterbot using R and Python Studio 7 and floor 125 - 545 p.m. An automated election twitterbot using R and Python Studio 7 and floor 125 - 545 p.m. An automated elect	10:15 - 11:15 a.m.	Scraping in R	Studio 8, 2nd floor
Build your own collaborative documentation site: An introduction to Library 10:45 - 11:45 a.m. Interviewing your data Interviewing your data Studio 10, 2nd floor Interviewing your data Intervie	10:15 - 11:15 a.m.	Data Blitz	Galerie 3, 2nd floor
10.15 - 11.15 a.m. Interviewing your data Bissonet, 3rd floor 10.15 - 11.15 a.m. Finding the story, Date-driven disaster coverage Studio 10, 2nd floor 11.30 a.m 12.30 p.m. Everything we know about covering guns, in one hour Galerie 6, 2nd floor 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs Studio 9, 2nd floor 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs 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. Data on the wildfire beat Galeria 2, 2nd floor 11.30 a.m 12.30 p.m. Epol from the filip side Galeria 2, 2nd floor 11.30 a.m 12.30 p.m. Excel trick you've never used Studio 10, 2nd floor 11.30 a.m 12.30 p.m. Eracking through coding plateous Galeria 4, 2nd floor 215 - 5.45 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 10, 2nd floor 215 - 5.45 p.m. Accell: Getting storted with spreadsheets (repeat) Studio 3, 2nd floor 215 - 3.35 p.m. Sucle 1: Getting storted with	10:15 - 11:15 a.m.	Beyond the horserace of election results graphics	Galerie 6, 2nd floor
1015-1185 a.m. Finding the story. Data-driven disoster coverage Studio 10, 2nd floor 11:30 a.m 12:30 p.m. Everything we know about covering guns, in one hour Galerie 6, 2nd floor 11:30 a.m 12:30 p.m. Hitchhikers, guide to APIs Studio 9, 2nd floor 11:30 a.m 12:30 p.m. Hitchhikers, guide to APIs Studio 7, 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. Dato on the wildfire beat Galerie 2, 2nd floor 11:30 a.m 12:30 p.m. Dato on the wildfire beat Galerie 2, 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. Excel tricks you've never used Studio 10, 2nd floor 11:30 a.m 12:30 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 215 - 5:45 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 215 - 3:35 p.m. Career paths in data journalism Bissonet, 3rd floor 215 - 3:35 p.m. SQL	10:15 - 11:15 a.m.	Build your own collaborative documentation site: An introduction to Library	Galerie 4, 2nd floor
11.30 a.m 12.30 p.m. Everything we know about covering guns, in one hour Studio 9, 2nd floor 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs Studio 9, 2nd floor 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs Studio 9, 2nd floor 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs Studio 6, 2nd floor 11.30 a.m 12.30 p.m. Moking 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. Dota on the wildfire beat Galerie 2, 2nd floor 11.30 a.m 12.30 p.m. Digital sleuthing with Bellingcat Acadia, 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. Excel tricks you've never used Studio 10, and floor 11.30 a.m 12.30 p.m. Breaking through cading plateaus Galerie 3, 2nd floor 11.30 a.m 12.30 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 21.5 - 5.45 p.m. Write better Python code (pre-registration required) Studio 9, 2nd floor 21.5 - 5.45 p.m. Career paths in data journalism Bissonet, 3rd floor 21.5 - 3.15 p.m. Excel 1: Getting started with spreadsheets (repeat) Studio 9, 2nd floor 21.5 - 3.15 p.m. SQL 1: Explaring data 21.5 - 3.15 p.m. SQL 1: Explaring data 21.5 - 3.15 p.m. Google Sheets Scroping without coding (repeat) Studio 10, 2nd floor 21.5 - 3.15 p.m. Google Sheets Scroping without coding (repeat) Studio 1, 2nd floor 21.5 - 3.15 p.m. Quickturn data stories Acadia, 3rd floor 21.5 - 3.15 p.m. Covering disporities in education with data Galerie 2, 2nd floor 21.5 - 3.15 p.m. Covering disporities in education with data Galerie 2, 2nd floor 21.5 - 3.15 p.m. Covering disporities in education with data Galerie 2, 2nd floor 21.5 - 3.15 p.m. Covering disporities in education with data Galerie 2, 2nd floor 21.5 - 3.15 p.m. Covering disporities in education with data Galerie 2, 2nd floor 21.5 - 3.15 p.m. Covering disporities in education with data Galerie 3, 2nd floor 21.5 - 3.15 p.m. Covering disp	10:15 - 11:15 a.m.	Interviewing your data	Bissonet, 3rd floor
11.30 a.m 12.30 p.m. JavaScript s. Making a map in D3 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs 11.30 a.m 12.30 p.m. Hitchhikers guide to APIs 11.30 a.m 12.30 p.m. Making interactive maps with R 11.30 a.m 12.30 p.m. Making interactive maps with R 11.30 a.m 12.30 p.m. Making interactive maps with R 11.30 a.m 12.30 p.m. Investigating sexual assault, for newsrooms big and small 11.30 a.m 12.30 p.m. Data on the wildfire beat 11.30 a.m 12.30 p.m. Digital slouthing with Bellingcot 11.30 a.m 12.30 p.m. Digital slouthing with Bellingcot 11.30 a.m 12.30 p.m. Excel tricks you've never used 11.30 a.m 12.30 p.m. Breaking through coding plateaus 11.30 a.m 12.30 p.m. Breaking through coding plateaus 11.30 a.m 12.30 p.m. Write better Python code (pre-registration required) 11.30 a.m 12.30 p.m. Write better Python code (pre-registration required) 11.30 a.m 12.30 p.m. Career paths in data journalism 11.30 p.m. Excel 1: Getting started with spreadsheets (repeat) 11.30 p.m. SQL 1: Exploring data 11.30 p.m. SQL 1: Exploring data 11.30 p.m. Studio 10, 2nd floor 11.30 p.m. Studio 2, 2nd floor 11.30 p.m. Studio 3, 2nd 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. Hitchhikers guide to APIs 11:30 a.m 12:30 p.m. Finding the story: Using DNS search for investigative journalism (repeat) 11:30 a.m 12:30 p.m. Making interactive maps with R 11:30 a.m 12:30 p.m. Investigating sexual assault, for newsrooms big and small 11:30 a.m 12:30 p.m. Data on the wildfire beat 11:30 a.m 12:30 p.m. Digital sleuthing with Bellingcot 11:30 a.m 12:30 p.m. Digital sleuthing with Bellingcot 11:30 a.m 12:30 p.m. Digital sleuthing with Bellingcot 11:30 a.m 12:30 p.m. Excel tricks you've never used 11:30 a.m 12:30 p.m. Brecking through coding plateaus 11:30 a.m 12:30 p.m. Brecking through coding plateaus 11:30 a.m 12:30 p.m. Brecking through coding plateaus 12:5 - 5:45 p.m. Write better Python code (pre-registration required) 12:5 - 5:45 p.m. Write better Python code (pre-registration required) 12:5 - 3:45 p.m. Career paths in data journalism 12:5 - 3:45 p.m. Scal 1: Getting started with spreadsheets (repeat) 12:5 - 3:45 p.m. Scal 1: Getting started with spreadsheets (repeat) 12:5 - 3:45 p.m. Statis 1: An introduction 12:5 - 3:45 p.m. Finding the story: Census data (repeat) 12:5 - 3:45 p.m. An automated election twitterbot using R and Python 12:5 - 3:45 p.m. Quick-turn data stories 12:5 - 3:45 p.m. Covering disparities in education with data 12:5 - 3:45 p.m. Covering disparities in education with data 12:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering disparities in education with data 13:5 - 3:45 p.m. Covering undercovered communities 13:5 - 3:45 p.m. Studio 8, 2nd floor	11:30 a.m 12:30 p.m.	Everything we know about covering guns, in one hour	Galerie 6, 2nd floor
11:30 a.m 12:30 p.m. Finding the story: Using DNS search for investigative journalism (repeat) 11:30 a.m 12:30 p.m. Making interactive maps with R 11:30 a.m 12:30 p.m. Investigating sexual assault, for newsrooms big and small 11:30 a.m 12:30 p.m. Data on the wildfire beat 11:30 a.m 12:30 p.m. Digital sleuthing with Bellingcat 11:30 a.m 12:30 p.m. Excel tricks you've never used 11:30 a.m 12:30 p.m. Breaking through coding plateaus 11:30 a.m 12:30 p.m. Breaking through coding plateaus 11:30 a.m 12:30 p.m. ArcGIS: From spreadsheets to StaryMaps (pre-registration required) 11:30 a.m 12:30 p.m. Write better Python code (pre-registration required) 11:30 a.m 12:30 p.m. Master class: Writing the investigative narrative (Friday afternoon) 11:30 a.m 12:30 p.m. Digital sleuthing started with spreadsheets (repeat) 11:30 a.m 12:30 p.m. Studio 3, 2nd floor 11:30 a.m 12:30 p.m. Studio 10, 2nd floor 12:30 - 3:15 p.m. Studio 10, 2nd floor 12:30 - 3:15 p.m. An automated election twitterbot using R and Python 12:30 - 3:30 p.m. Studio 2, 2nd floor 12:31 - 3:315 p.m. Avant garde data viz 12:31 - 3:315 p.m. State of newsroom diversity reports 12:31 - 3:315 p.m. State of newsroom diversity reports 12:32 - 3:315 p.m. State of newsroom diversity reports 13:30 - 4:30 p.m. Studio 8, 2nd floor 13:30 - 4:30 p.m. Studio 8, 2nd floor	11:30 a.m 12:30 p.m.	JavaScript 3: Making a map in D3	Studio 9, 2nd floor
1130 a.m 12:30 p.m. Moking interactive maps with R 1130 a.m 12:30 p.m. Investigating sexual assault, for newsrooms big and small Bissonet, 3rd floor 1130 a.m 12:30 p.m. Deta on the wildfire beat Galerie 2, 2nd floor 1130 a.m 12:30 p.m. Digital sleuthing with Bellingcat Acadia, 3rd floor 1130 a.m 12:30 p.m. Digital sleuthing with Bellingcat Galerie 3, 2nd floor 1130 a.m 12:30 p.m. Excel tricks you've never used Studio 10, 2nd floor 1130 a.m 12:30 p.m. Breaking through coding plateaus Galerie 4, 2nd floor 1130 a.m 12:30 p.m. Breaking through coding plateaus Studio 7, 2nd floor 1130 a.m 12:30 p.m. Write better Python code (pre-registration required) Studio 7, 2nd floor 1135 - 5:45 p.m. Write better Python code (pre-registration required) Studio 7, 2nd floor 1215 - 5:45 p.m. Career paths in data journalism Bissonet, 3rd floor 1215 - 3:15 p.m. Career paths in data journalism Bissonet, 3rd floor 1215 - 3:15 p.m. Sp.m. Sp.L. Exploring data 1215 - 3:15 p.m. Sp.L. Exploring data 1215 - 3:15 p.m. Google Sheets: Scraping without coding (repeat) Studio 10, 2nd floor 1215 - 3:15 p.m. An automated election twitterbot using R and Python 1215 - 3:15 p.m. Quick-turn data stories 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in education with data 1215 - 3:15 p.m. Covering dispatities in educ	11:30 a.m 12:30 p.m.	Hitchhikers guide to APIs	Studio 7, 2nd floor
11:30 a.m 12:30 p.m. Investigating sexual assault, for newsrooms big and small Galerie 2, 2nd floor 11:30 a.m 12:30 p.m. Digital sleuthing with Bellingcat Acadia, 3rd floor 11:30 a.m 12:30 p.m. Digital sleuthing with Bellingcat Galerie 3, 2nd 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 215 - 5:45 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 215 - 5:45 p.m. Write better Python code (pre-registration required) Studio 9, 2nd floor 215 - 5:45 p.m. Master class: Writing the investigative narrative (Friday afternoon) Galerie 5, 2nd floor 215 - 3:15 p.m. Career paths in data journalism Bissonet, 3rd floor 215 - 3:15 p.m. SQL 1: Exploring data Studio 10, 2nd floor 215 - 3:15 p.m. Stats 1: An introduction Studio 4, 2nd floor 215 - 3:15 p.m. Google Sheets: Scraping without coding (repeat) Studio 1, 2nd floor 215 - 3:15 p.m. Finding the story: Census data (repeat) Studio 2, 2nd floor 215 - 3:15 p.m. An automated election twitterbot using R and Python Studio 3, 2nd floor 215 - 3:15 p.m. Avant garde data viz Galerie 6, 2nd floor 215 - 3:15 p.m. Stats of newsroom diversity reports Galerie 2, 2nd floor 215 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 215 - 3:15 p.m. Covering undercovered communities Bissonet, 3rd floor	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. Data on the wildfire beat Galerie 2, 2nd 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 215 - 5:45 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 215 - 5:45 p.m. Write better Python code (pre-registration required) Studio 9, 2nd floor 215 - 5:45 p.m. Master class: Writing the investigative narrative (Friday afternoon) Galerie 5, 2nd floor 215 - 3:15 p.m. Career paths in data journalism Bissonet, 3rd floor 215 - 3:15 p.m. Excel 1: Getting started with spreadsheets (repeat) Studio 8, 2nd floor 215 - 3:15 p.m. SQL 1: Exploring data Studio 9, 2nd floor 215 - 3:15 p.m. Google Sheets: Scraping without coding (repeat) Studio 1, 2nd floor 215 - 3:15 p.m. Finding the story: Census data (repeat) Studio 2, 2nd floor 215 - 3:15 p.m. An automated election twitterbot using R and Python Studio 3, 2nd floor 215 - 3:15 p.m. Quick-turn data stories Acadia, 3rd floor 215 - 3:15 p.m. Covering disparities in education with data Galerie 2, 2nd floor 215 - 3:15 p.m. State of newsroom diversity reports Galerie 4, 2nd floor 215 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 215 - 3:15 p.m. Covering undercovered communities Bissonet, 3rd 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. Digital sleuthing with Bellingcat Acadia, 3rd floor 11:30 a.m 12:30 p.m. FOIA from the flip side Studio 10, 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 Golerie 4, 2nd floor 12:35 - 5:45 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) Studio 7, 2nd floor 12:35 - 5:45 p.m. Write better Python code (pre-registration required) Studio 9, 2nd floor 12:35 - 3:45 p.m. Master class: Writing the investigative narrotive (Friday afternoon) Galerie 5, 2nd floor 12:35 - 3:35 p.m. Career paths in data journalism Bissonet, 3rd floor 12:35 - 3:35 p.m. Excel 1: Getting started with spreadsheets (repeat) Studio 8, 2nd floor 12:35 - 3:35 p.m. Studio 10, 2nd floor 12:35 - 3:35 p.m. Stots 1: An introduction Studio 7, 2nd floor 12:35 - 3:35 p.m. Google Sheets: Scraping without coding (repeat) Studio 10, 2nd floor 12:35 - 3:35 p.m. Finding the story: Census data (repeat) Studio 2, 2nd floor 12:35 - 3:35 p.m. An automated election twitterbot using R and Python Studio 3, 2nd floor 12:35 - 3:35 p.m. Avant garde data viz Galerie 6, 2nd floor 12:55 - 3:35 p.m. Covering disparities in education with data Galerie 2, 2nd floor 12:55 - 3:35 p.m. State of newsroom diversity reports Galerie 4, 2nd floor 12:55 - 3:35 p.m. Covering disparities in education with data Galerie 2, 2nd floor 12:55 - 3:35 p.m. State of newsroom diversity reports Galerie 3, 2nd floor 12:55 - 3:35 p.m. Covering undercovered communities Bissonet, 3rd floor 12:55 - 3:35 p.m. Covering undercovered communities Sudio 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. FOIA from the flip side Studio 10, 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. 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. Covering disparities in education with data Galerie 2, 2nd floor 2:15 - 3:15 p.m. State of newsroom diversity reports Galerie 3, 2nd floor 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 2:15 - 3:15 p.m. Covering undercovered communities Bissonet, 3rd floor 2:15 - 3:15 p.m. Excel 2: Formulas & sorting (repeat) Studio 8, 2nd floor	11:30 a.m 12:30 p.m.	Data on the wildfire beat	Galerie 2, 2nd floor
11:30 a.m 12:30 p.m. Excel tricks you've never used 11:30 a.m 12:30 p.m. Breaking through coding plateaus 235 - 5:45 p.m. ArcGIS: From spreadsheets to StoryMaps (pre-registration required) 245 - 5:45 p.m. Write better Python code (pre-registration required) 245 - 5:45 p.m. Master class: Writing the investigative narrative (Friday afternoon) 245 - 3:45 p.m. Gareer paths in data journalism 245 - 3:45 p.m. Excel 1: Getting started with spreadsheets (repeat) 245 - 3:45 p.m. SQL 1: Exploring data 245 - 3:45 p.m. SQL 1: Exploring data 245 - 3:45 p.m. SQL 1: Exploring data 245 - 3:45 p.m. Stats 1: An introduction 245 - 3:45 p.m. Google Sheets: Scraping without coding (repeat) 245 - 3:45 p.m. Finding the story: Census data (repeat) 245 - 3:45 p.m. An automated election twitterbot using R and Python 245 - 3:45 p.m. Quick-turn data stories 245 - 3:45 p.m. Covering disparities in education with data 245 - 3:45 p.m. Covering disparities in education with data 245 - 3:45 p.m. Covering disparities in education with data 245 - 3:45 p.m. State of newsroom diversity reports 246 - 3:45 p.m. State of newsroom diversity reports 247 - 3:45 p.m. Covering undercovered communities 348 - 3:45 p.m. State of newsroom diversity reports 249 - 3:45 p.m. State of newsroom diversity reports 240 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) 240 - 4:30 p.m. Studio 8, 2nd floor	11:30 a.m 12:30 p.m.	Digital sleuthing with Bellingcat	Acadia, 3rd 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 - 3:45 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. 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. 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 2:15 - 3:15 p.m. State of newsroom diversity reports Galerie 4, 2nd floor 2:15 - 3:15 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. Excel 2: Formulas & sorting (repeat)	11:30 a.m 12:30 p.m.	FOIA from the flip side	Galerie 3, 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. 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 2:15 - 3:15 p.m. Covering undercovered communities Bissonet, 3rd floor 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat)	11:30 a.m 12:30 p.m.	Excel tricks you've never used	Studio 10, 2nd floor
215 - 5:45 p.m. Write better Python code (pre-registration required) Studio 9, 2nd floor 215 - 5:45 p.m. Master class: Writing the investigative narrative (Friday afternoon) Galerie 5, 2nd floor 215 - 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 2, 2nd floor 2:15 - 3:15 p.m. Finding the story: Census data (repeat) Studio 3, 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. State of newsroom diversity reports Galerie 2, 2nd floor 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 3:30 - 4:30 p.m. Covering undercovered communities Sissonet, 3rd floor Sissonet, 3rd floor Sissonet, 3rd floor Covering undercovered communities Sissonet, 3rd floor Sissonet, 3rd f	11:30 a.m 12:30 p.m.	Breaking through coding plateaus	Galerie 4, 2nd floor
2:15 - 5:45 p.m. Master class: Writing the investigative narrative (Friday afternoon) 2:15 - 3:15 p.m. Career paths in data journalism 3:15 - 3:15 p.m. Excel 1: Getting started with spreadsheets (repeat) 2:15 - 3:15 p.m. SQL 1: Exploring data 2:15 - 3:15 p.m. Stats 1: An introduction 2:15 - 3:15 p.m. Google Sheets: Scraping without coding (repeat) 2:15 - 3:15 p.m. Finding the story: Census data (repeat) 2:15 - 3:15 p.m. An automated election twitterbot using R and Python 2:15 - 3:15 p.m. Avant garde data viz 2:15 - 3:15 p.m. Avant garde data viz 2:15 - 3:15 p.m. Covering disparities in education with data 2:15 - 3:15 p.m. State of newsroom diversity reports 3:15 - 3:15 p.m. Tracking health misinformation across social media 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) 3:40 - 5:40 p.m. Studio 8, 2nd floor 3:50 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:40 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:50 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:50 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:50 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:50 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:50 p.m. Excel 2: Formulas & sorting (repeat) 3:50 - 5:50 p.m. Excel 2: Formulas & sorting (repeat) 3:50 p.m. Excel 2: Formulas & sorting (repeat)	2:15 - 5:45 p.m.	ArcGIS: From spreadsheets to StoryMaps (pre-registration required)	Studio 7, 2nd floor
2:15 - 3:15 p.m. Excel 1: Getting started with spreadsheets (repeat) 2:15 - 3:15 p.m. SQL 1: Exploring data 2:15 - 3:15 p.m. SQL 1: Exploring data 2:15 - 3:15 p.m. Stats 1: An introduction 2:15 - 3:15 p.m. Google Sheets: Scraping without coding (repeat) 2:15 - 3:15 p.m. Finding the story: Census data (repeat) 2:15 - 3:15 p.m. An automated election twitterbot using R and Python 2:15 - 3:15 p.m. Quick-turn data stories 2:15 - 3:15 p.m. Avant garde data viz 2:15 - 3:15 p.m. Covering disparities in education with data 2:15 - 3:15 p.m. State of newsroom diversity reports 2:15 - 3:15 p.m. Tracking health misinformation across social media 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) Studio 8, 2nd floor Studio 10, 2nd floor Studio 10, 2nd floor Studio 2, 2nd floor Studio 2, 2nd floor Studio 3, 2nd floor	2:15 - 5:45 p.m.	Write better Python code (pre-registration required)	Studio 9, 2nd floor
2:15 - 3:15 p.m. SQL 1: Exploring data Studio 10, 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 2, 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 3, 2nd floor 2:15 - 3:15 p.m. Covering undercovered communities Bissonet, 3rd floor 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat)	2:15 - 5:45 p.m.	Master class: Writing the investigative narrative (Friday afternoon)	Galerie 5, 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 2:15 - 3:15 p.m. Covering undercovered communities Bissonet, 3rd floor 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) Studio 8, 2nd floor	2:15 - 3:15 p.m.	Career paths in data journalism	Bissonet, 3rd floor
2:15 - 3:15 p.m. Studio 1; An introduction Studio 4, 2nd floor 2:15 - 3:15 p.m. Google Sheets: Scraping without coding (repeat) Studio 2, 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) Studio 8, 2nd floor	2:15 - 3:15 p.m.	Excel 1: Getting started with spreadsheets (repeat)	Studio 8, 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (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. Finding the story: Census data (repeat) 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 2nd floor 3:30 - 4:30 p.m. Excel 2: Formulas & sorting (repeat) Studio 8, 2nd floor	2:15 - 3:15 p.m.	Stats 1: An introduction	Studio 4, 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 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	2:15 - 3:15 p.m.	Google Sheets: Scraping without coding (repeat)	Studio 1, 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 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	2:15 - 3:15 p.m.	Finding the story: Census data (repeat)	Studio 2, 2nd floor
2:15 - 3:15 p.m. Covering disparities in education with data Galerie 6, 2nd floor 2:15 - 3:15 p.m. State of newsroom diversity reports Galerie 2, 2nd floor 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 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	2:15 - 3:15 p.m.	An automated election twitterbot using R and Python	Studio 3, 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 2:15 - 3:15 p.m. Tracking health misinformation across social media Galerie 3, 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	2:15 - 3:15 p.m.	Quick-turn data stories	Acadia, 3rd floor
2:15 - 3:15 p.m.State of newsroom diversity reportsGalerie 4, 2nd floor2:15 - 3:15 p.m.Tracking health misinformation across social mediaGalerie 3, 2nd floor3:30 - 4:30 p.m.Covering undercovered communitiesBissonet, 3rd floor3:30 - 4:30 p.m.Excel 2: Formulas & sorting (repeat)Studio 8, 2nd floor	2:15 - 3:15 p.m.	Avant garde data viz	Galerie 6, 2nd floor
2:15 - 3:15 p.m.Tracking health misinformation across social mediaGalerie 3, 2nd floor3:30 - 4:30 p.m.Covering undercovered communitiesBissonet, 3rd floor3:30 - 4:30 p.m.Excel 2: Formulas & sorting (repeat)Studio 8, 2nd floor	2:15 - 3:15 p.m.	Covering disparities in education with data	Galerie 2, 2nd floor
3:30 - 4:30 p.m.Covering undercovered communitiesBissonet, 3rd floor3:30 - 4:30 p.m.Excel 2: Formulas & sorting (repeat)Studio 8, 2nd floor	2:15 - 3:15 p.m.	State of newsroom diversity reports	Galerie 4, 2nd floor
3:30 – 4:30 p.m. Excel 2: Formulas & sorting (repeat) Studio 8, 2nd floor	2:15 - 3:15 p.m.	Tracking health misinformation across social media	Galerie 3, 2nd floor
	3:30 - 4:30 p.m.	Covering undercovered communities	Bissonet, 3rd floor
3:30 – 4:30 p.m. SQL 2: Grouping and summing data Studio 10, 2nd 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. 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
3:30 - 4:30 p.m. Power Bl 1: Create interactive data visualizations 3:30 - 4:30 p.m. Data visualization & storytelling with Flourish Studio 1, 2nd floor 3:30 - 4:30 p.m. CANCELED - Communicating statistical significance 3:30 - 4:30 p.m. Being a better ally Galerie 4, 2nd floor 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 Galerie 6, 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 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.	Stats 2: Linear regression	Studio 4, 2nd floor
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
4:45 - 5:45 p.m. Excel 3: Filtering & pivot tables (repeat) 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 Bl 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.	Machine learning for the rest of us	Galerie 3, 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.	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