DATA+NARRATIVE

For the individual who is new to working with data and needs help integrating data into their narrative.

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Maggie Mulvihill, Workshop Founder & Director, BU Associate Professor of the Practice in Computational Journalism
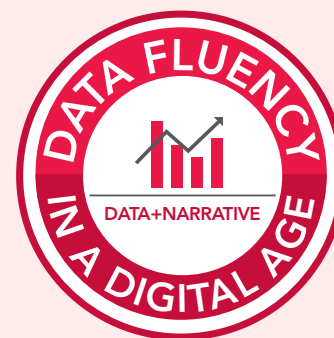
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WELCOME TO

DATA+NARRATIVE
Data-Driven Storytelling Workshops

DATA FLUENCY IN A DIGITAL AGE
DATA+NARRATIVE

DATA+NARRATIVE

JUNE 4 - 8, 2018

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OUR SCHEDULE

MONDAY, JUNE 4 / DAY 1: FINDING DATA

8:00 – 9:00 a.m.
Optional Software Installation/Technical Help Session
*Please come early today if you need help reviewing software installation or other technical issues
COM Room 209

9:00 – 10:00 a.m.
Data+Narrative: Getting Started
Instructor: Maggie Mulvihill, BU Data+Narrative Workshops Founder & Executive Director, Associate Professor of the Practice in Computational Journalism
Learning Objective: Capture the big picture of data storytelling
COM Room 209

10:00 – 10:45 a.m.
Explanation of the Digital Badge Program / Benefits
Instructor: Maggie Mulvihill
Learning Objective: Describe the importance of having a digital badge from this program
COM Room 209

10:45 – 11:00 a.m. Break

11:00 – 12:30 p.m.
So Much Data: Finding High-Value Records for Your Project
Instructor: Margot Williams, Research Editor for Investigations, the Intercept
Learning Objective: Identify the best data for your project
COM Room 209

12:30 – 1:30 p.m.
Pizza Lunch and Narrative Data Storytelling Writing Practice Exercises
Instructor: Rochelle Sharpe, Pulitzer Prize winning freelance reporter
Learning Objective: Transform numbers into narrative
COM Room 209

1:30 – 3:00 p.m.
Extracting Reliable Data from Social Media: The Latest Tools
Instructor: Meghan Holgrem, Senior News Editor, Storyful
Learning Objective: Harness social media data to inform your story
COM Room 209

3:00 – 3:15 p.m. Break

3:15 – 4:30 p.m.
Stats 101: Finding the Statistical Significance in Your Data
Instructor: Wayne Snyder, Boston University, Associate Professor of Computer Science
Learning Objective: Understand the statistical meaning in your data
COM Room 209

4:30 – 5:15 p.m.
Project Work, Summary of Today's Lessons, Practice Exercises and Evaluations

5:15 – 8:00 p.m
Data Storytelling Happy Hour at Scoozi
*All attendees, student coaches, staff and faculty welcome
Scoozi is at 580 Commonwealth Avenue, Boston, MA 02215

TUESDAY, JUNE 5 / DAY 2: EXTRACTING DATA

9:00 – 10:30 a.m.
Scraping Data from the Web I: Free Resources for Storytellers
Instructor: Charles Berret, Fellow, Brown Institute for Media Innovation, Columbia University
Learning Objective: Use free, simple web scraping methods
COM Room 209

10:30 – 10:45 a.m. Break

10:45 – 12:30 p.m.
Scraping Data from the Web II: Applying Your New Skills
Instructor: Charles Berret, Fellow, Brown Institute for Media Innovation, Columbia University
Learning Objective: Practice with your new scraping skills
COM Room 209

12:30 – 1:30 p.m. Lunch on Your Own

1:30 – 3:00 p.m.
Spreadsheets 101: The Key Steps to Begin Data Mining for Stories
Instructor: Ally Jarmanning, Data Journalist, WBUR
Learning Objective: Explore the basic functions for tabular data
COM Room 209

3:00 – 3:15 p.m. Break

3:15 – 4:45 p.m.
Liberating Data from Documents: Free and Reliable Methods
Instructor: David Heath, Freelance Investigative Journalist
Learning Objective: Acquire skills to free data trapped in documents
COM Room 209

4:45 – 5:00 p.m.
Summary of Today's Lessons, Practice Exercises and Evaluations
COM Room 209

WEDNESDAY, JUNE 6 / DAY 3: CLEANING AND ANALYZING YOUR DATA

9:00 – 10:30 a.m.
Working with Dirty Data: Time-Saving Tips and Tricks
Instructor: David Heath, Freelance Investigative Journalist
Learning Objective: Standardize and prepare data for analysis
COM Room 209

10:30 – 10:45 a.m. Break

10:45 – 12:30 p.m.
Spreadsheets II: The Power of the Pivot Table
Instructor: Joshua Hatch, Assistant Managing Editor for Data and Interactives, Chronicle of Higher Education and Chronicle of Philanthropy
Learning Objective: Pivot your data to spot stories
COM Room 209

12:30 – 1:30 p.m. Lunch on Your Own

1:30 – 3:00 p.m.
Spreadsheets III: Going Deeper with String Functions and Formulas
Instructor: Joshua Hatch, Assistant Managing Editor for Data and Interactives, Chronicle of Higher Education and Chronicle of Philanthropy
Learning Objective: Understand advanced functions and formulas for spreadsheet analysis
COM Room 209

3:00 – 3:15 p.m. Break

3:15 – 4:45 p.m.
Visual Analytic Tools: Key (Free) Programs to Dissect Your Data
Instructor: Phoebe Wong, Research Analyst, Legendary Analytics
Learning Objective: Analyze your data visually
COM Room 209

4:45 – 5:00 p.m.
Summary of Today's Lessons, Practice Exercises and Evaluations
COM Room 209

THURSDAY, JUNE 7 / DAY 4: VISUALIZING YOUR DATA

9:00 – 10:30 a.m.
Visual Storytelling with Data: The Fundamentals
Instructor: Wayne Snyder, Boston University, Associate Professor of Computer Science
Learning Objective: Understand key visualization concepts
CAS 313

10:30 – 10:45 a.m. Break

10:45 – 12:30 p.m.
Visualizing with Spreadsheets: Adding Value to Your Story with Understandable Data Graphics
Instructor: Phoebe Wong, Research Analyst, Legendary Analytics
Learning Objective: Utilize key visualization functions with spreadsheets - charts, graphs and more
CAS 313

12:30 – 1:30 p.m. Lunch on Your Own

1:30 – 3:00 p.m.
Mapping Bootcamp 101
Instructor: Shawn Goulet, Geospatial Developer, Cape Cod Commission
Learning Objective: Master basic mapping principles and skills
CAS 313

3:00 – 3:15 p.m. Break

3:15 – 4:45 p.m.
Data Stories with Interactive Timelines
Instructor: Lydia Zurow, Producer, Kaiser Health News
Learning Objective: Generate time sequencing of your data
CAS 313

4:45 – 5:00 p.m.
Summary of Today's Lessons, Practice Exercises and Evaluations
CAS 313

FRIDAY, JUNE 8 / DAY 5: DATA NARRATIVE: HOW TO TELL YOUR STORY

9:00 – 10:30 a.m.
Data Verification: How to Bulletproof Your Story
Instructor: Roberto Rocha, Data Journalist, CBCMontreal
Learning Objective: Spot and solve data problems in your story before you hit send
COM Room 209

10:30 – 10:45 a.m. Break

10:45 – 12:30 p.m.
Data Narrative Studio
Instructor: Workshop Staff
Learning Objective: Interact one-on-one with instructors and coaches on storytelling challenges
COM Room 209

12:30 – 2:00 p.m.
Catered Lunch and Presentation: Framing the Narrative: How Data Forms Your Storyline
Instructor: Workshop Staff
Learning Objective: Understand how to craft a powerful data-driven narrative
COM Room 209

2:00 – 3:30 p.m.
Data+Narrative Lightning Showcase
Our Finale Data+Narrative Storytelling Contest Will Feature Attendees Presenting Their Data Stories; Prizes to the Top Three Data Storytellers of the Week!
Learning Objective: See how much we have achieved during this workshop
COM Room 209

3:30 – 4:00 p.m.
Final Wrap-Up and Evaluations
COM Room 209