ANALYTICS COMMUNITY OF PRACTICE

MONTHLY NEWSLETTER

Hello Analytics Community of Practice Members, The ACP is a large growing community of members from all different departments. This month we wanted to shout out one of our members Stacy Winchester who this month is running the Love Data Week events. Additionally, we wanted to highlight a dashboard that gives interesting insights on domestic cat movements outside of their homes. This month we also have a new list of data and analytics related events that are completely free to attend!

ARTICLES

ACP FEATURE MEMEBER:

Stacy Winchester

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Role at UofSC: Research Data Librarian at University Libraries

What role does Analytics play in your office? Analytics aren't part of my role, but research data definitely is. My job is to promote open science practices, help researchers plan for and implement data management practices, share their research data, and find, or in some instances purchase, datasets for research or teaching. I work in a department called Digital Research Services and within that larger group, some of my colleagues work with researchers to solve questions using text analysis.

What role does analytics play in higher education, and what advents/technologies do you see on the horizon? I think all sectors of work and society increasingly use data to gain insight and make intelligent decisions and that's true for higher education as well. It's pretty fascinating and I'm sure that members of ACP utilize analytics in all kinds of ways that I've never even considered.

Favorite data visualization and/or analytics tools and why? I like Tableau because it is fairly intuitive, has wide name recognition, and has a free version.

In your job, are you limited on tool and/or programming languages? I enjoy learning about tools for working with data. I have learned some Python and am currently taking a short course on regular expressions, which will help me with lots of tasks, including data cleaning in products like OpenRefine.

If you have used other analytics tools in the past, how do they compare to your current environment? I only started working with research data in the past five years or so. Before then, I held more traditional librarian roles. There's always so much to learn and lots of opportunities to take advantage of.

How did you learn about the ACP? I've been part of ACP for about four years and I don't remember how I learned about it. I'm guessing I received an invitation to an event – maybe it was Data & Donuts . The group is great for networking and for learning more about data.

What other reporting software are you interested in learning? SAS and SPSS
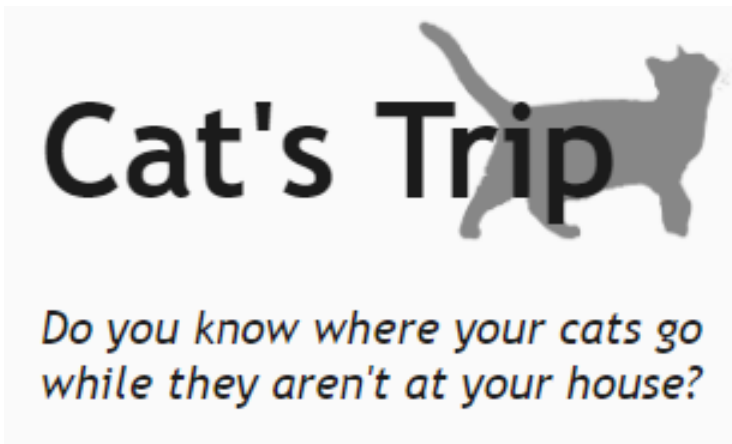
What/who inspires you? I draw inspiration from nature. Stopping to notice the amazing universe we live in reminds me that, while we are each such a small part of it, each of us has the responsibility to create meaning for ourselves and improve the world for others.

Book recommendations (work related or not): Good question for a librarian! Data Feminism by Catherine D'Ignazio and Lauren Klein is a great work-related read. I read a lot and most of it is fiction. My individual fiction recommendations could get out of hand, so instead I'll throw out a few authors I've really enjoyed reading in the past year: Tom Perrotta, Elizabeth Strout, and John Darnielle.

VIZ OF THE MONTH

Cat's Trip

Do you know where your cats go while they aren't at your house?

February's Viz of the Month comes from Tableau Public created by Rika Fujiwara. This dashboard is super insightful into the daily movements of pet cats. Cats Trip authors Kays.R, Dunn RR, Parsons A, McDonald B, Perkins T, Powers S, Shell L, and citizen scientists tracked 925 domestic pet cats from six countries to certain their influence on native prey in spatial contexts. This dashboard hosts only the data from the US cats in the study. Below is an example of the GPS tracking data of a domestic cat in the US. The dashboard allows you to select a cat from a few different age ranges. I selected a cat from the 9-12 and found Motorcat she seems to be an outlier in the data as the other 9-12 cats do not move around nearly as much as her. From the data provided we can make inferences about Motorcat. Its apparent Motorcat is typically most active in the evenings due to the large portions of blue and purple data points that indicate times between 5pm-4am when she was roaming around.

Here is another cat in the data Tara2 she is 14 years old spayed and located in the US just like Motorcat. As you can see from Tara2 data she is significantly less adventurous or interested in catching prey than Motorcat

When you navigate to the dashboard via Tableau Online you can hover over each data point and get detailed break downs about a specific movement. The image below is an example of the tool tip from one of Motorcat's data points.

EVENTS

LOVE DATA WEEK

BASICS OF RESEARCH DATA MANAGEMENT

FEB. 14TH @8:30 - 9:30AM

LOCATION: University Libraries Virtual Event

Good data management practices can help ensure that your research data are findable, accessible, and re-usable long-term. In this session, learn useful tips to help you manage your data. Topics include best practices for file management, documentation, storage, preservation, and more

Register now

FEB. 15TH @9:30 - 10:30AM

LOCATION: Scholars Corner at the Thomas Cooper Library

Calling all analytics fanatics! Join the Analytics Community of Practice at Scholar's Corner on the main floor of the Thomas Cooper Library for the annual Data & Donuts event. We will mingle with other data fans, snack on delicious donuts, and learn about what's new with CarolinaAnalytics. Don't forget to bring your morning beverage of choice. Registration for the event is not required but is encouraged.

[Register now](#)

DATA MANAGEMENT PLANS AND DMPTOOL

FEB. 15TH @12:00 - 12:50PM

LOCATION: University Libraries Virtual Event

Is a Data Management Plan required to obtain funding for your research? Would you like to plan for the management of your research data to make life easier down the road?

Learn about Data Management Plans and DMPTool, an online wizard for creating DMPs that meet specific funder requirements.

[Register now](#)

RESEARCH DATA POLICY AND PLATFORMS AT USC

FEB. 16TH @1:10 - 2:00PM

LOCATION: Room L104 of the Thomas Cooper Library

USC Research Computing will present on Research Data Policy and Platforms at USC. Topics will include USC data policies and data classifications, on-premises computing and storage platforms, and cloud storage options

Register now

DISCOVER A UNIVERSE OF DATA THROUGH DATA PLANET AND SAGE RESEARCH METHODS

FEB. 17TH @2:00 - 3:00PM

LOCATION: University Libraries Virtual Event

In honor of this year's International Love Data Week, SAGE is excited to offer this session to USC faculty and students exploring two wonderful resources: Data Planet and SAGE Research Methods.

By the end of this session, you will be able to:
- Understand and use the different search and browse options available on both platforms
- Locate the Data Basics section and other help sections on both platforms
- Navigate to different charts within the dataset interface of Data Planet

Register now

CBDA AND CGFM EXAM PREP PROGRAMS

FEB. 13 – 28TH

Don't miss out on the opportunity to invest in your future. This is the edge you need to get ahead in the new year. ENROLL NOW!

At ExecEd at The Darla Moore School of Business, we're providing you the tools to keep your competitive advantage with two courses –
The Certification in Business Data Analytics (IIBA® - CBDA) Exam Preparation Program and the Certified Government Financial Manager (CGFM) Exam Preparation Program.

Sharpen your skills and prepare to excel, in a course environment tailored to you. Classes are hosted at the world-class Darla Moore School of Business at the University of South Carolina, and the ExecEd team provides all the necessary resources and support to pass the CBDA and CGFM examinations. We offer flexible face-to-face and virtual options, so anyone can invest in their career momentum.

The CBDA course will be taught both in-person and virtually

[Learn more and register now](#)

The CGFM course will be taught both in-person and virtually Feb 20-28. The program is broken into three separate courses, each of which focus on specific exam

[Learn more and register now](#)

CONTRIBUTING TO THE COMMUNITY

The new ACP **Microsoft Teams Site** is a great way to spread the word about coming events and opportunities! In an effort to reduce email traffic, we encourage you all to send communications via the Microsoft Teams Site. All events shared will also be included in the newsletter, which will continue to go out via the listserv.

As always, the following links and email addresses can be used for the specified purposes:

- To contact the list owner: ANALYTICS-request@LISTSERV.SC.EDU
- Click here to join the Analytics Community of Practice

Please send us visualizations suggestions for the viz of the month!

If you would like to suggest a visualization for next months viz of the month be sure to share it with us at any one of our communication channels! We are software and tool agnostic so you can send us vizzes from across the spectrum of BI technologies. The visualization can be something you created, a coworker, or something you found. We look forward to seeing your suggestions!

LOOKING FOR MORE EVENTS?

University Libraries offer students, faculty, staff and the entire community opportunities to engage with data. They have a new list of data related events every week, just follow the link below!

Click here for more events