

ANALYTICS COMMUNITY OF PRACTICE

MONTHLY NEWSLETTER



Hello, Analytics Community of Practice Members, This month we are highlighting new ACP member Andrew Barker, Student Intern for the DoIT. Our data Viz of the Month was also created by DoIT student employee Savanna Shaver. Savanna created an interactive visualization about Netflix's content library in 2023. We have a new list of data and analytics-related events that are completely free to attend! Finally, we round this month's newsletter out with a research opportunity for graduate students.

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ACP FEATURE MEMBER:

Andrew Barker

Role at UofSC: DoIT Student Intern

What role does Analytics play in your office?

Working in the Data Governance office, analytics is the name of the game. Nearly everything we do in the office is driven by the necessity to present the correct data to stakeholders who need it make strategic business decisions.



Favorite data visualization and/or analytics tools and why?

Being new to my role here with the university, I've only had experience with Tableau. I'm still very new to this software, but the ways I've seen it used so far are incredibly effective, and I look forward to becoming more familiar with it.

What role does analytics play in higher education, and what technologies do you see on the horizon?

Behind the scenes, analytics can help institutions better understand student behaviors, allowing these institutions to better tailor their offerings to what supports the most people. One recent technology that everyone's been talking about that could truly help this process is AI/machine learning. The presence of this technology in the analytics field could help users understand or present data in entirely new ways.

What is your future dream job?

Ideally in the future, I'd like to stay in tech, possibly working on the administration side, where I could go from office to office setting up and managing technology for various companies.

How did you learn about the ACP?

I hadn't heard of the ACP prior to my student role here, so ultimately I learned about it through Caroline Maulana.

What other reporting software are you interested in learning?

In the future after becoming proficient in Tableau, I think learning Power BI would be relevant to what I'll be doing in my role.

What/who inspires you?

Throughout my life, my parents have always supported me, so I would have to say them.

Book recommendations (work-related or not):

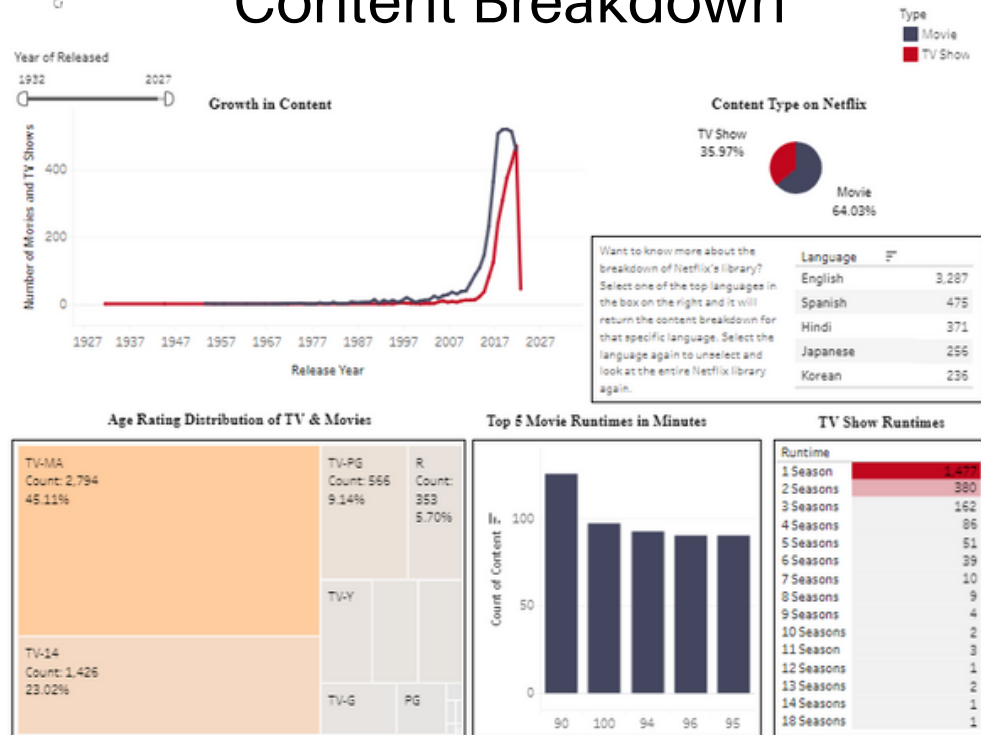
I was most recently reading 101 Essays That Will Change the Way You Think. As suggested by the title, the book is a collection of various essays that can reshape your frame of mind in your daily life or offer new insights into things you thought were normal.



VIZ OF THE MONTH

NETFLIX

Content Breakdown



Student employee Savanna Shaver created an interactive Tableau dashboard using Netflix's 2023 content library. Did you know that Netflix as of April 2023 hosts more movies on the platform than TV shows? Did you also know the 5 most common languages Netflix's content is filmed in are English, Spanish, Hindi, Japanese, and Korean? Were you aware that out of 2,228 TV shows on Netflix 153 were filmed in Japanese and out of those 153 only 55 received a second season?

She scrapped data from a [site](#) and then used Notepad++ to clean the data to fit in Excel tables. She then filled in missing pieces by collecting missing information like TV season duration and release dates. If you found any of the insights mentioned to be interesting be sure to check out the visualization at the link below to learn even more and discover something new info about Netflix's content library!

[Click here to explore](#)

EVENTS

- Planning Ahead with Analytics: A Proactive Approach to Business Success 6
- Appalachian State University's annual Analytics Day 7
- Statistics You Need to Know for Data Science 8
- Accessing Database Data in SAS® Viya 8
- Google Analytics Tutorial For Beginners 9

Looking for more Tableau related events?

[click here](#)

PLANNING AHEAD WITH ANALYTICS: A PROACTIVE APPROACH TO BUSINESS SUCCESS

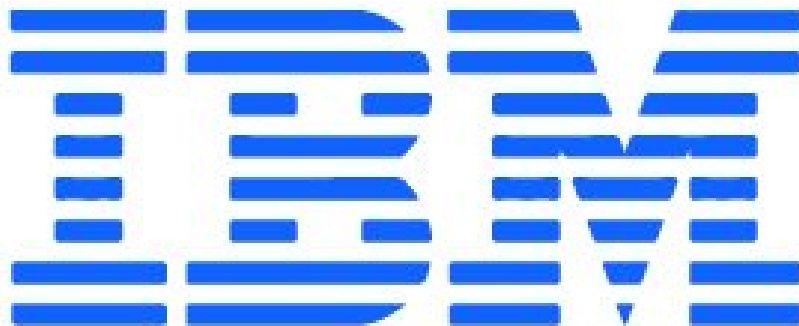
JUN. 7TH @11:00 - 11:45AM

LOCATION: IBM Virtual Event

Is your focus in driving growth, optimising resources, and improving the bottom line? IBM Planning Analytics is a powerful solution that can help you achieve these goals.

Please join us to walk through together with subject matter experts how data and analytics can help you to plan with more precision and improve your decision making. By automating routine tasks, reducing errors, and providing real-time insights, IBM Planning Analytics allows you to make more informed decisions, allocate resources more effectively, and streamline your operations.

[Register now](#)



APPALACHIAN STATE UNIVERSITY'S ANNUAL ANALYTICS DAY

JUN. 15TH @ 8:30 - 5:00PM

LOCATION: Virtual Event

Registration for Analytics Day 2023 is now open!

The theme this year is **DATA AT YOUR FINGERTIPS.**

We hope you and your colleagues will join us on June 15th for this virtual, one day mini-conference with a focus on using Tableau for analytics in Higher Education. There will be a wide variety of how-to and show-and-tell sessions as well as data visualization tips throughout the day. This professional development experience is appropriate for new and veteran employees in various departments across campus. From analysts to data scientists, from directors to researchers, there is something for everyone!

Registration is FREE and open until June 5th



[Register](#)

STATISTICS YOU NEED TO KNOW FOR DATA SCIENCE

JUN. 19TH @ 9:00 - 10:00AM

LOCATION: SAS Virtual Event

Data scientists do lots of different kinds of work with data, but one thing they all have in common is the use of mathematics to model patterns observed in the world. These mathematical models derive heavily from the field of statistics!

In this webinar, our experts, Sharad Saxena, and Cat Truxillo, will talk about the statistical concepts that you are most likely to encounter on a daily basis as a working data scientist.

[Register now](#)

ACCESSING DATABASE DATA IN SAS® VIYA

JUN. 22ND @ 11:00 - 12:00PM

LOCATION: SAS Virtual Event

As the size of our data grows, performance becomes a critical issue. Join this SAS event and learn how you can use your SAS®9 programming skills in the SAS Viya compute server.

Then learn to use CAS and caslibs to make processing database data faster than ever.

[Register now](#)

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GOOGLE ANALYTICS TUTORIAL FOR BEGINNERS

ANYTIME

LOCATION: Youtube Video

This video will guide you through the complete process of setting up Google Analytics and how to use the application in a business setting. This video covers interesting Google Analytics features, and topics, as well as practical examples.



[Explore](#)

GRADUATE RESEARCH POSITIONS

May 2023

Call for Two Graduate Students, 2023-24

The University Libraries seeks two graduate students interested in supporting students and faculty research statistical needs. For a stipend of \$5,000 a year, the selected graduate students must dedicate **five hours a week** to the position during the year.

The University Libraries would like to offer support to researchers for exploratory data analysis and statistical methods and software including SAS, SPSS and NVivo.

This is a unique opportunity to connect with potential new research collaborators, learn about the diversity of scholarship on campus, gain new or hone existing skills, and reflect on your own work.

Duties included:

- Staffing in-person office hours in Thomas Cooper Library to provide one-on-one consultations with members of the USC community (approximately 3 hours weekly)
- Developing hybrid workshops or online training modules (approximately 1 hour weekly; may be completed remotely)
- Attending regular meetings with fellow mentors and Libraries colleagues (approximately 1 hour weekly; may be held in Teams)
- Attending an in-person half-day kick-off meeting on August 17, 2023 (lunch will be provided)

Demonstrated intermediate to advanced knowledge of statistics and statistical software such as SPSS and SAS are required.

Selected graduate students will report to Stacy Winchester, Research Data Librarian, and work with a supportive network in the Libraries, including fellow faculty mentors, Amie Freeman (Scholarly Communications Librarian), Glenn Bunton (Data Visualization Librarian), and Kate Boyd (Director of Digital Research Services).

To apply, please send a cover letter and resume to Stacy Winchester, WINCHES2@mailbox.sc.edu, by June 15th

CONTRIBUTING TO THE COMMUNITY

Did You Know?

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](#)