October 2022 Meetup

Microsoft, 3012 William Nicol Drive, Bryanston and Online

11 October 2022, 16h30 to 18h00 (GMT+2)

https://www.meetup.com/joburg-r-users-group/events/288530081/

Code of Conduct

A member of the R Community is:

Open

Members of the community are open to collaboration, whether it’s on projects, working groups, packages, problems, or otherwise.

Considerate

Members of the community are considerate of their peers.

Respectful

Members of the community are respectful.

Housekeeping

Restrooms

Emergency Exits

Cell phones on Silent, please

Agenda

Time	Description	Presenter
16h30 – 16h55	Welcome	Luis de Sousa
17h00 – 17h25	Improving Shiny App stability and robustness with Golem	Handre Williams
17h30 – 17h55	Using Quarto, the next generation of R Markdown, to generate websites	Luis de Sousa
18h00	Networking, Drinks and Snacks	

Developer Communities @Microsoft JHB Office Tonight

Community	Meetup Registration & RSVP link	Start Time	Venue	Organizer
Johannesburg PowerApps and Flow	https://aka.ms/AAi1qo6	16:30	Auditorium 1	Dawid van Heerden , Michael O'Donovan
Johannesburg R User Group	https://aka.ms/AAicmhl	16:30	Auditorium 3	Luis de Sousa
JHB MS Developer User Group	https://aka.ms/AAicmhm	16:30	Auditorium 2	Dustyn Lightfoot
Networking over meal served for all attendees		**18:00 - 18:30**	**Outside Auditorium rooms**	**Microsoft**
The Johannesburg Data Platform User Group	https://aka.ms/AAi1qo6	18:30	Auditorium 1	Michael Johnson, Warren Rocchi
The South African Azure User Group	https://aka.ms/AAi1qo6	18:30	Auditorium 3	Warren du Toit, Alistair Pugin

Where to find us

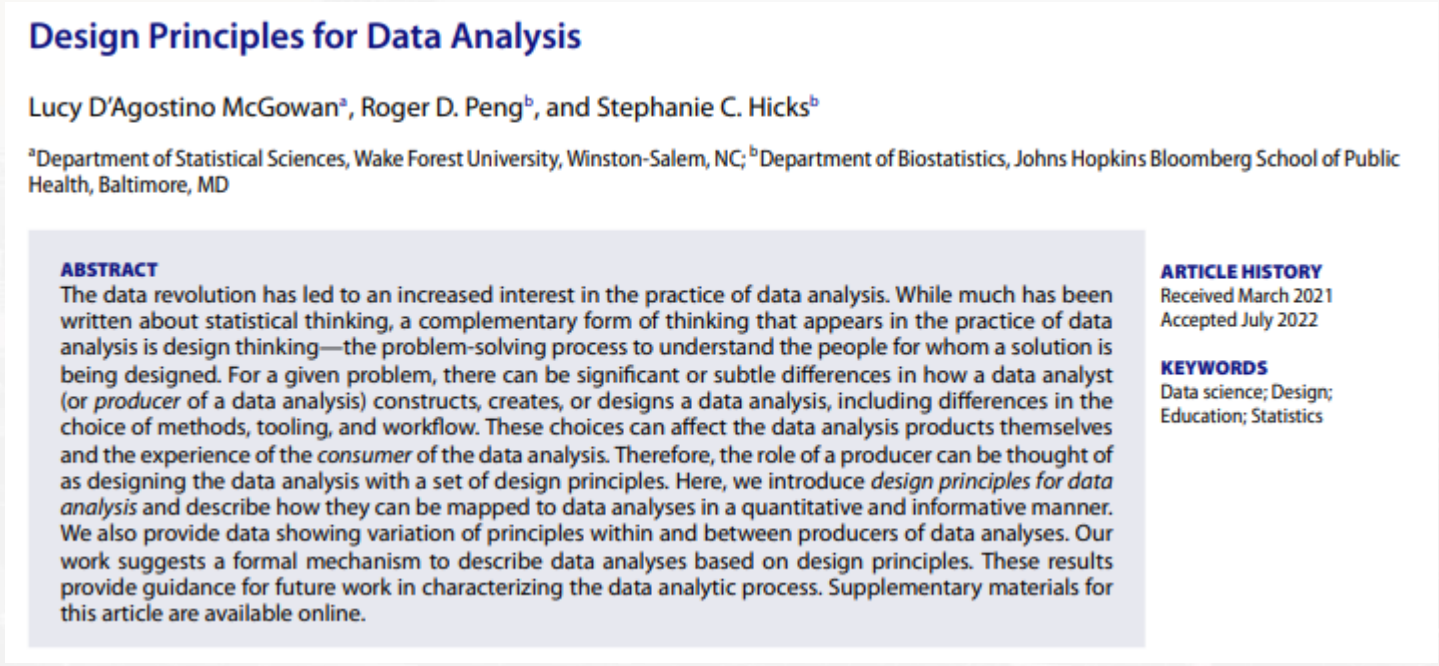
Website	https://www.rusergroup.co.za
Meetup	https://www.meetup.com/joburg-r-users-group
GitHub	https://www.github.com/rusergroupcoza

Community News

Powered by www.rweekly.org

Community News

- Design Principles for Data Analysis



Design Principles for Data Analysis

Lucy D'Agostino McGowan[a], Roger D. Peng[b], and Stephanie C. Hicks[b]

[a]Department of Statistical Sciences, Wake Forest University, Winston-Salem, NC; [b]Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

ABSTRACT

The data revolution has led to an increased interest in the practice of data analysis. While much has been written about statistical thinking, a complementary form of thinking that appears in the practice of data analysis is design thinking—the problem-solving process to understand the people for whom a solution is being designed. For a given problem, there can be significant or subtle differences in how a data analyst (or *producer* of a data analysis) constructs, creates, or designs a data analysis, including differences in the choice of methods, tooling, and workflow. These choices can affect the data analysis products themselves and the experience of the *consumer* of the data analysis. Therefore, the role of a producer can be thought of as designing the data analysis with a set of design principles. Here, we introduce *design principles for data analysis* and describe how they can be mapped to data analyses in a quantitative and informative manner. We also provide data showing variation of principles within and between producers of data analyses. Our work suggests a formal mechanism to describe data analyses based on design principles. These results provide guidance for future work in characterizing the data analytic process. Supplementary materials for this article are available online.

ARTICLE HISTORY
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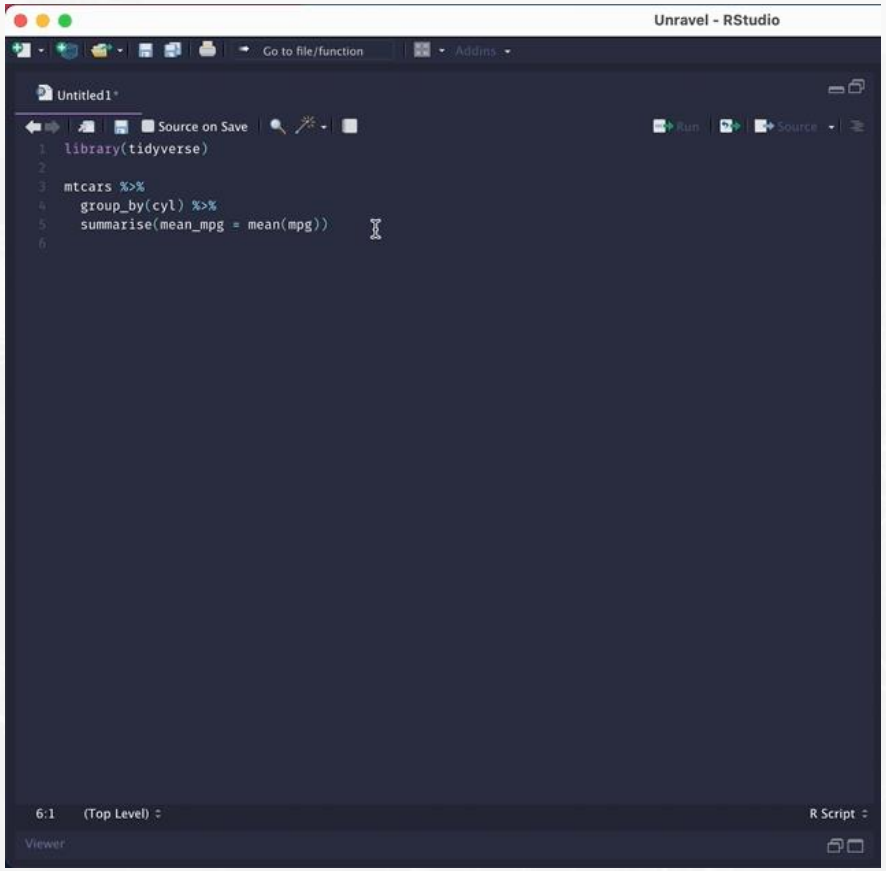
KEYWORDS
Data science; Design; Education; Statistics

Community News

- {Unravel} - A fluent code explorer for R



Call for Participation

Committee Members

Responsible for the planning and running of the Johannesburg R User Group.

Speakers

Interested in speaking or would you like to propose an event, hackathon, panel discussion, round table or any sort of initiative.

Next Meeting

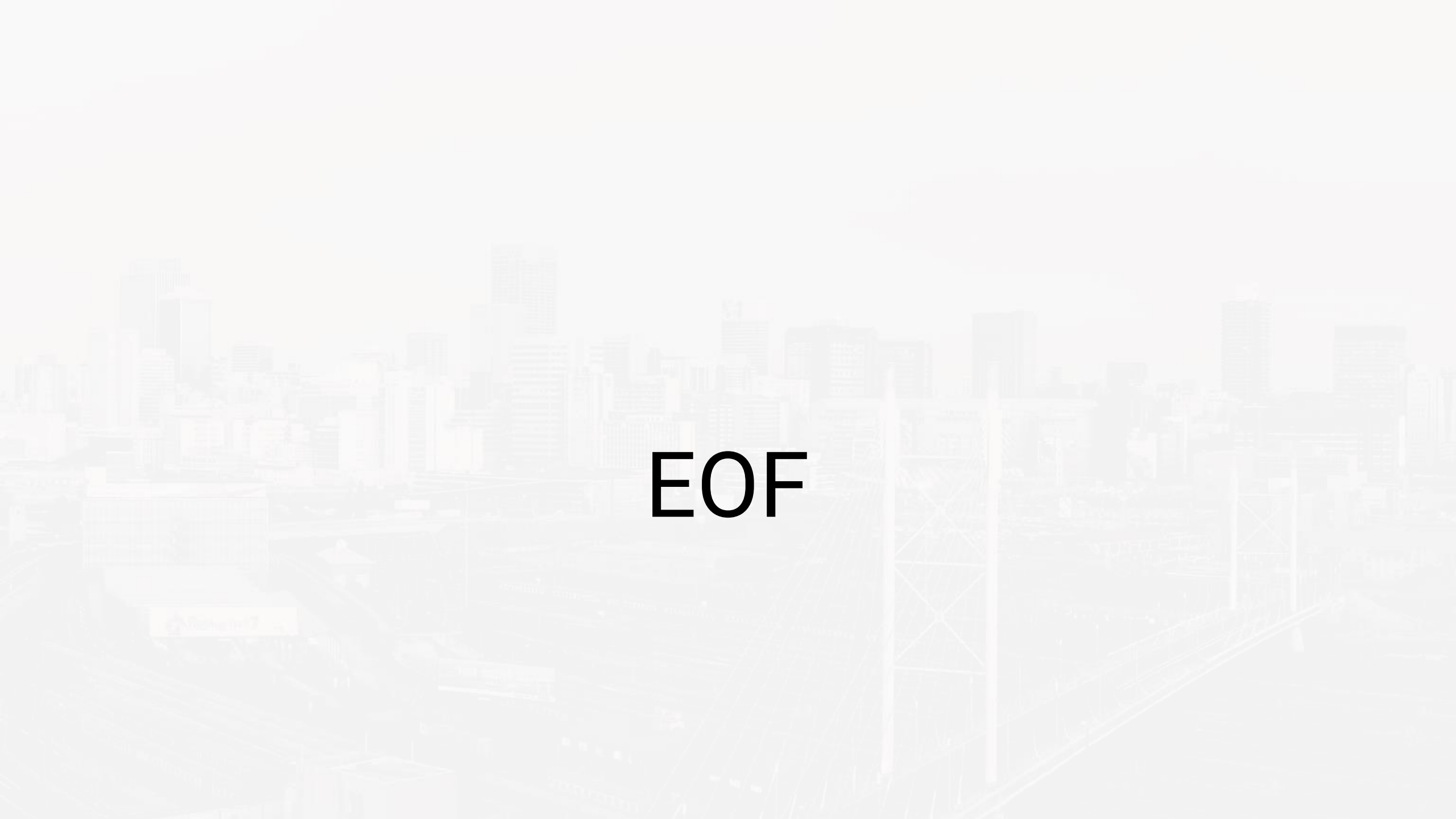
Johannesburg R User Group - November 2022

When

8 November 2022 @ 16h30 to 18h00 (GMT+2)

Where

Microsoft Campus in Bryanston, South Africa / Online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