



# Creating, deploying and consuming REST APIs in R

with

**Diana Pholo Stone**

Data Scientist. Chief Mom Officer.



## Johannesburg R User Group Meetup



13<sup>th</sup> December 2022, 16h30 to 18h00 (GMT+2)



Online and In-person (Microsoft, Bryanston)



[https://www.rusergroup.co.za/our\\_events.html](https://www.rusergroup.co.za/our_events.html)

# R Community 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.

Overall, we're good to each other. We contribute to this community not because we have to, but because we want to. If we remember that, these guidelines will come naturally.

# Agenda

Time	Description	Presenter
16h30 – 16h55	Welcome & News	Luis de Sousa
17h00 – 17h55	Creating, deploying and consuming REST APIs in R	Diana Pholo Stone
18h00	Networking, Drinks and Snacks	

# Where to find us

Website	<a href="http://rusergroup.co.za"><u>rusergroup.co.za</u></a>
Meetup	<a href="https://meetup.com/joburg-r-users-group"><u>meetup.com/joburg-r-users-group</u></a>
Twitter	<a href="https://twitter.com/JHBRUserGroup"><u>twitter.com/JHBRUserGroup</u></a>
GitHub	<a href="https://github.com/rusergroupcoza"><u>github.com/rusergroupcoza</u></a>
WhatsApp	<a href="https://bit.ly/3CeDifS"><u>bit.ly/3CeDifS</u></a>



# 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.

# Make the Circle Bigger

- Make a friend
- Bring a friend



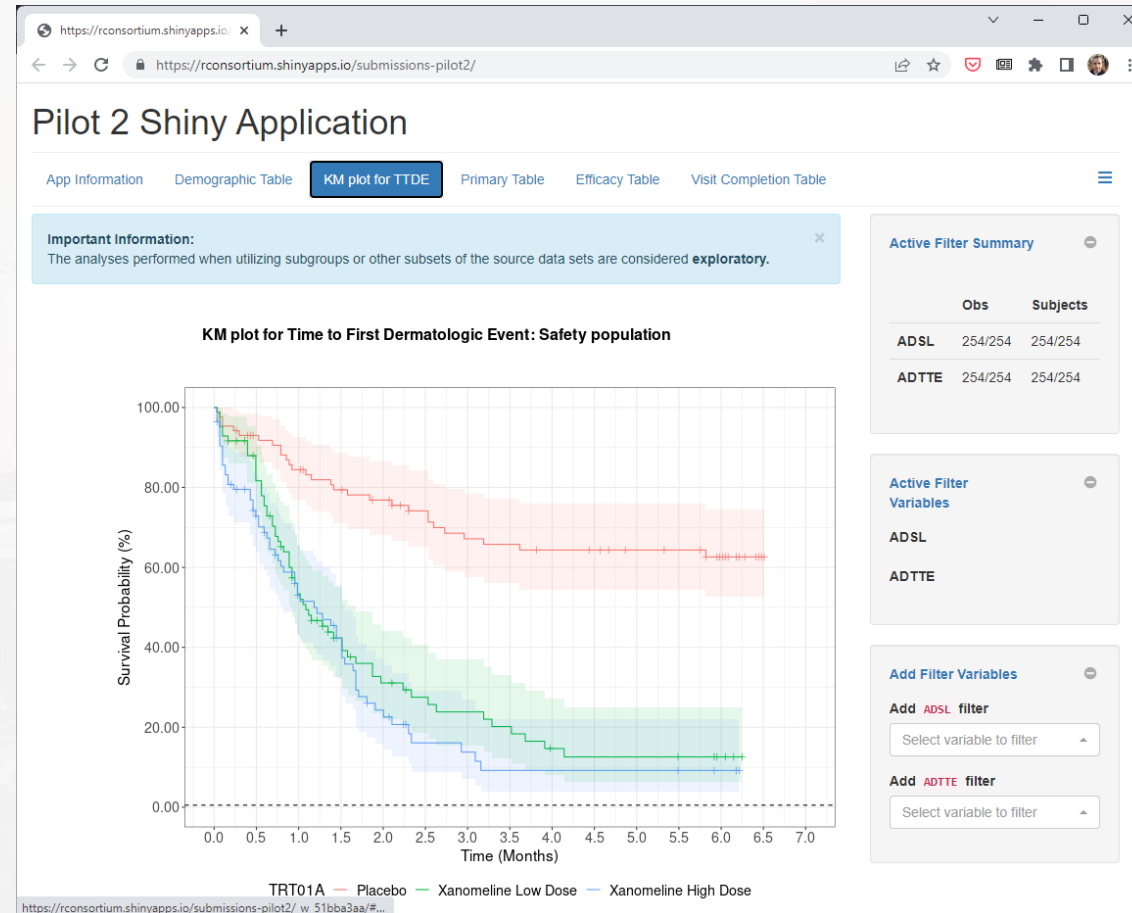


A faded, grayscale background image of a city skyline. In the foreground, a large bridge with multiple tall, white, A-frame pylons spans across the frame. The city skyline in the background features numerous skyscrapers and buildings of varying heights. The overall image has a soft, hazy quality.

# Community News

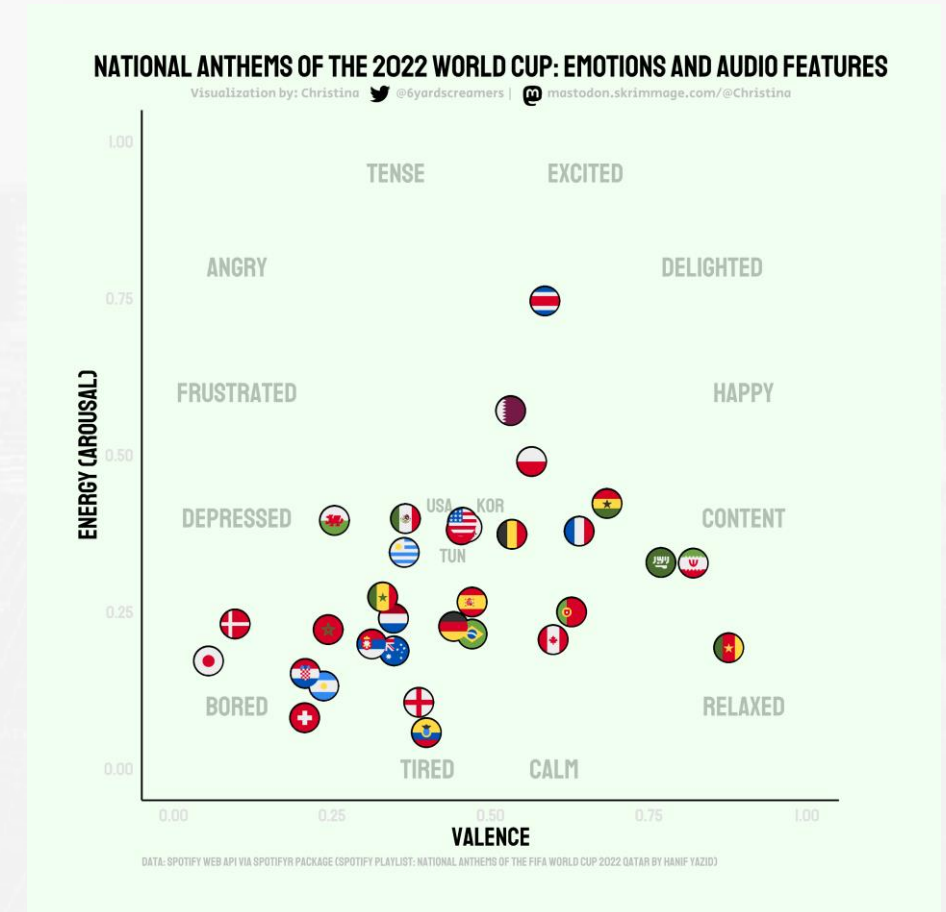
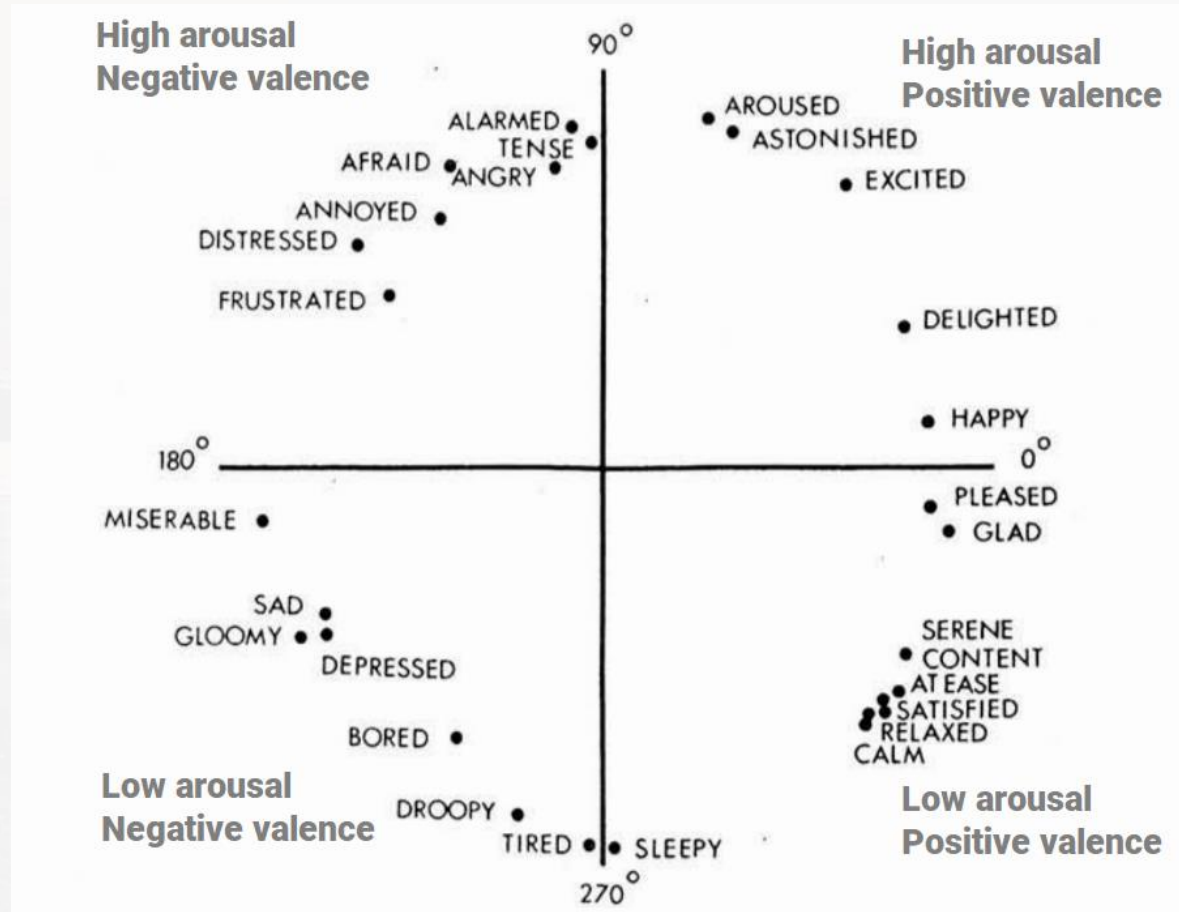
Powered by [www.rweekly.org](http://www.rweekly.org)

# Pilot 2 - Successful R-Based Package Submission with Shiny Component to FDA

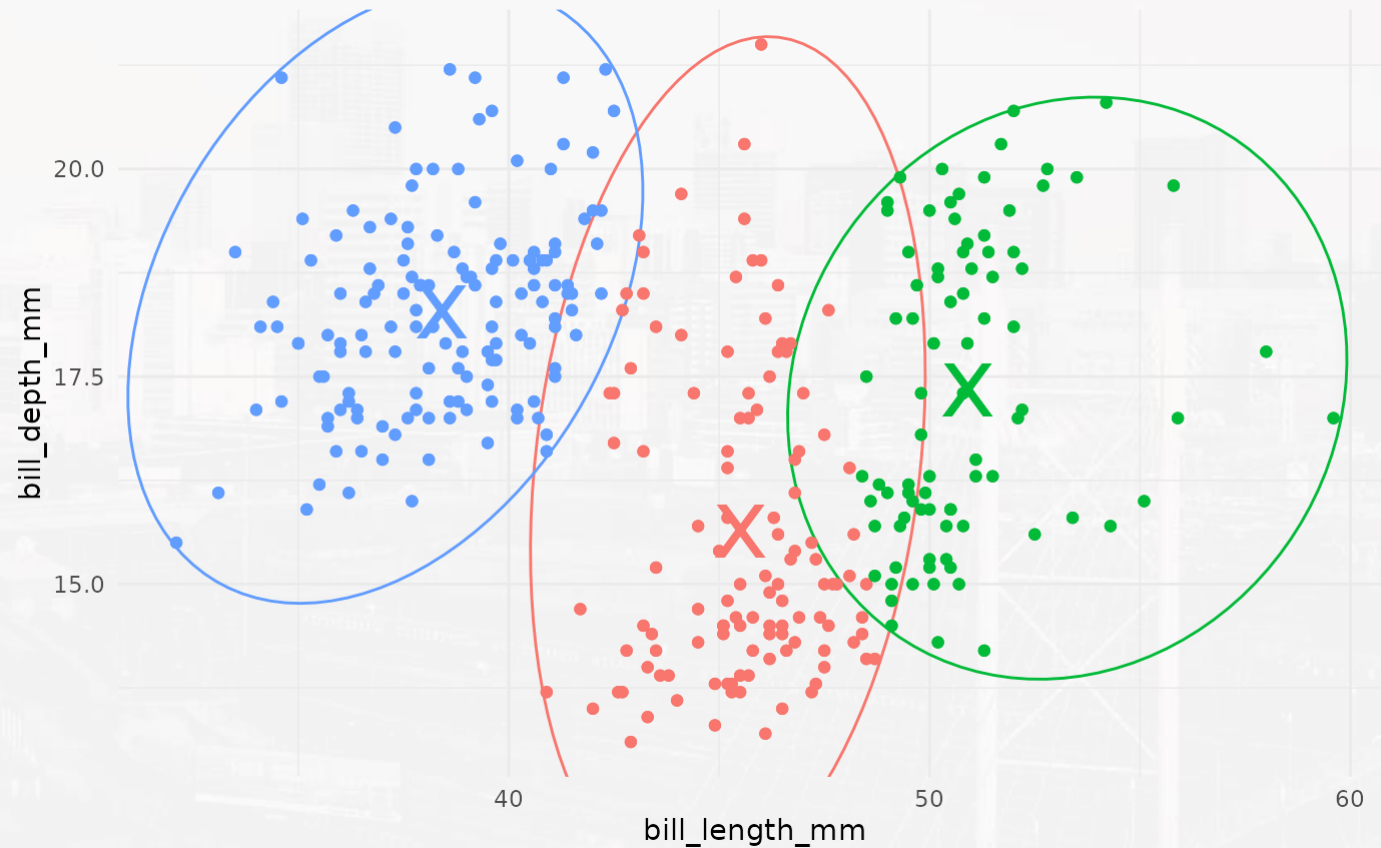




# World Cup National Anthems, Emotions & Audio Features



# tidyclust is on CRAN



# {Iterpalettefinder} 1.0.0: Extract Colour Palettes from Photos



US LTER  
@USLTER

The LTER Palette Finder is now on CRAN!

With built in palettes derived from photos from LTER sites, make your dataviz pop using colors with a sweet story!

Or, you can use the built in function to pull colors from your own favorite photo.

## Iter/ Iterpalettefinder



Extract Color Palettes from Photos and Pick Official  
LTER Palettes

3 Contributors  
0 Issues  
11 Stars  
2 Forks

github.com

GitHub - Iter/Iterpalettefinder: Extract Color Palettes from Photos and Pick Off...

Extract Color Palettes from Photos and Pick Official LTER Palettes - GitHub -

Iter/Iterpalettefinder: Extract Color Palettes from Photos and Pick Official LTER...

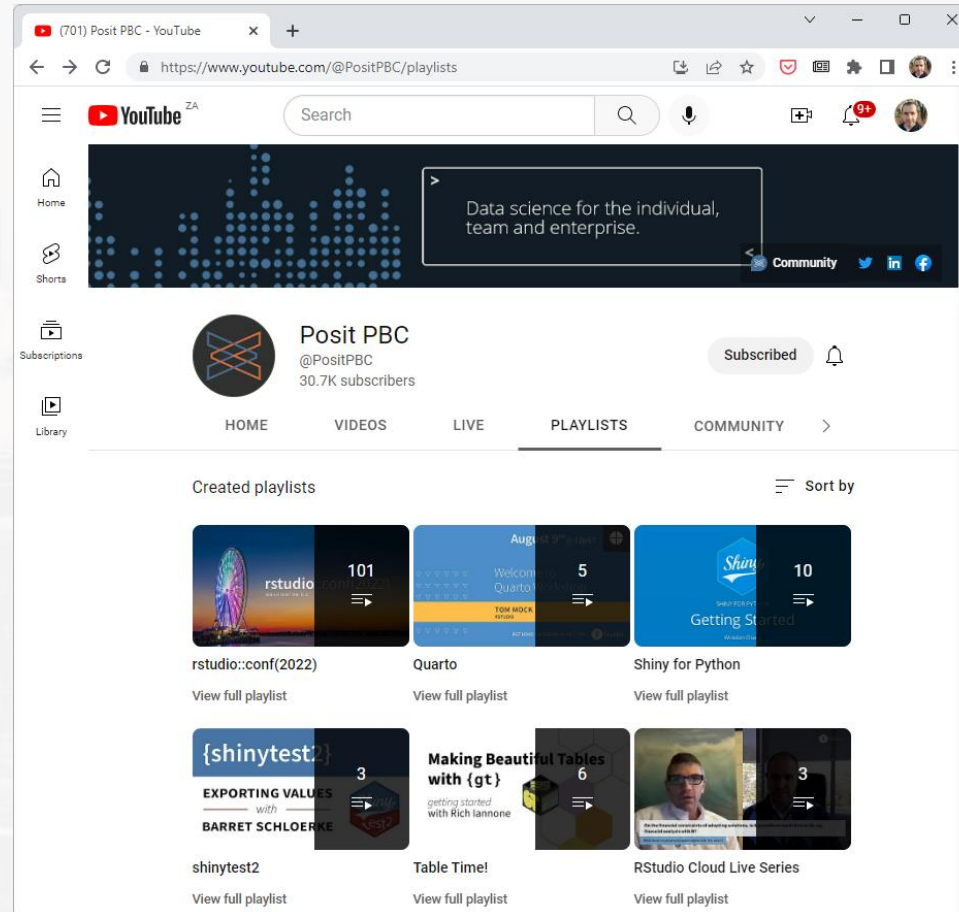
Image



Palette



# Posit YouTube Channel



url: <https://www.youtube.com/@PositPBC/playlists>

# Events

The background of the slide is a faded, high-angle photograph of a city skyline. In the foreground, a large bridge with multiple tall, white, A-frame pylons and a dense network of cables is visible. Beyond the bridge, a dense cluster of skyscrapers and other urban buildings stretches across the middle ground. In the far distance, a range of mountains is visible under a hazy sky. The overall image has a light, desaturated tone, serving as a backdrop for the text.





# Exploring the Power of Love with R: A Valentine's Day Talk

with

**Handre Williams**

[npcartel.ai](https://npcartel.ai)



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14<sup>th</sup> February 2023, 16h30 to 18h00 (GMT+2)



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# Automating workflows using public domain EconData

with

**Daan Steenkamp**

Co-founder Codera Analytics



## Johannesburg R User Group Meetup



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The background is a faded, grayscale image of a city skyline. In the foreground, a large bridge with multiple tall, white pylons and a complex network of cables is visible. The city skyline in the background consists of numerous skyscrapers and buildings of varying heights. The overall image has a soft, hazy quality, with the text 'EOF' prominently displayed in the center.

EOF