



**CONFERENCE**

NEW YORK

**2022**

PRESENTED BY  **landeranalytics**

WHERE R ENTHUSIASTS AND DATA SCIENTISTS  
GATHER TO EXPLORE, SHARE AND INSPIRE IDEAS



**@rstatsai**  
**#rstatsnyc**





# CONFERENCE

NEW YORK



The backbone of the R language is its community of users, contributors and supporters. The open source ethos of this community propels the language forward with tens of thousands of add-on packages and a helpful, welcoming environment. All around the world, R users hold meetups where knowledge is shared and relationships are formed. This conference grew out of the New York Open Statistical Programming Meetup (also known as the New York R Meetup), the largest in the world, with over 13,000 members. Topics from the meetup include data science, visualization, machine learning, deep learning and so much more. You can browse 13 years of presentations at [nyhacker.org](http://nyhacker.org).

The **R Conference** in **New York**, **Washington D.C.**, and soon **Tampa, Florida** and **Dublin, Ireland**, were created to foster the local R communities and serve as fun gathering places where people can learn from their peers in an inviting setting. The R Conference hosts one of the most elite gatherings of data scientists and data professionals who come together to explore, share, and inspire ideas, and to promote the growth of open source ideals. Keep up to date with our events at [rstats.ai](http://rstats.ai) and follow us on Twitter [@rstatsai](https://twitter.com/rstatsai).

Thank you for joining us and we hope you enjoy the conference.

Jared P. Lander  
Chief Data Scientist

# UNLOCKING DATA TO DRIVE YOUR BUSINESS

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Lander Analytics is a full-service consulting firm based in New York City helping clients enhance their analytical capabilities to drive value from data. Led by Chief Data Scientist Jared Lander, our team of elite data scientists, statisticians, visual designers, published authors, professors, keynote speakers and management consultants are united by our shared talent and passion for leveraging data science to meet real world challenges.

Collectively, Lander Analytics is a recognized leader in the open source data community, hosting events like the popular annual R conferences in New York City and Washington DC, with future conferences coming to Tampa, Florida and Dublin, Ireland!

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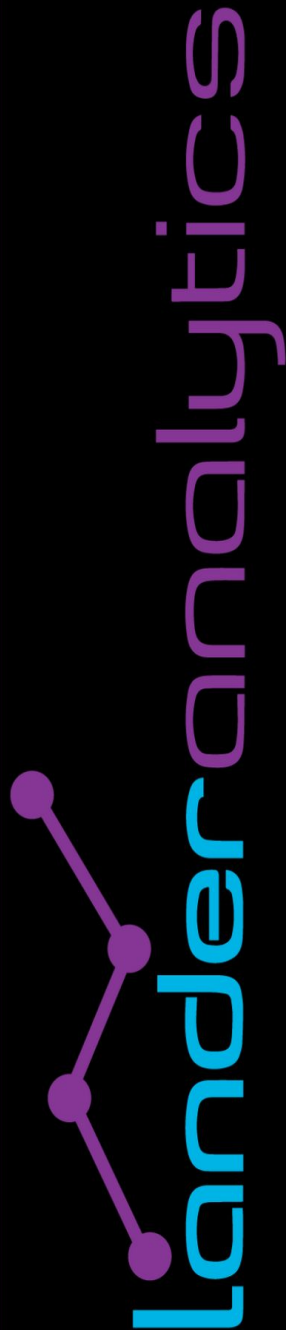


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@LANDERANALYTICS

WE'RE  
HIRING!



8:00 am - 8:50 am

Open Registration &amp; Breakfast

8:50 am - 9:00 am

**Opening Remarks**

Jared P. Lander, Lander Analytics



@jaredlander

9:00 am - 9:20 am

**R and Raylib: All Fun and Games?**

Jeroen Janssens, Data Science Workshops



@jeroenhjanssens

9:25 am - 9:45 am

**The Anatomy of a Plot: From gg to highcharter**

Malorie Hughes, Amazon



@data\_all\_day

9:50 am - 10:10 am

**The Many Ways to Create a Composite Score in Sports & Beyond**

Mike Band, NFL Next Gen Stats



@MBandNFL

10:10 am - 10:40 am

Break &amp; Networking

10:40 am - 11:00 am

**Data for Everyone: Using Shiny to Make Data Accessible for Non-Technical Colleagues**

Molly Huie, Bloomberg Industry Group



@mollyhuie

11:05 am - 11:25 am

**Using R for GIS and Mapping**

Jared P. Lander, Lander Analytics



@jaredlander

11:30 am - 11:50 am

**Combining Analysis Work with Reports and Presentations: What I Would Change About My Dissertation**

Daniel Chen, University of British Columbia &amp; Lander Analytics



@chendaniely

11:50 am - 1:00 pm

Lunch &amp; Networking

1:00 pm - 1:20 pm

**Minimizing human bias in Marketing Mix Models using Meta Open Source Robyn**

Bernardo Lares &amp; Igor Skokan, Meta



@LaresDJ

1:25 pm - 2:05 pm

**When You do Applied Statistics, You're Acting Like a Scientist. Why Does this Matter?**

Andrew Gelman, Columbia University



@StatModeling

2:05 pm - 2:35 pm

Break &amp; Networking

2:35 pm - 2:55 pm

**Actuarial Experience Studies and Assumption Setting in R**

Matt Heaphy, Nassau Financial Group



@entreaphy

3:00 pm - 3:20 pm

**Started from the Bottom Now We're Here: Revisiting the AI Hierarchy of Needs**

Sarah Catanzaro, Amplify Partners



@sarahcat21

3:25 pm - 3:45 pm

**Understanding Player Movement in the National Football League Using Tracking Data**

Tom Bliss, NFL



@DataWithBliss

3:45 pm - 4:15 pm

Break &amp; Networking

4:15 pm - 4:35 pm

**I Did 'Advent of Code' and Here is What I Learned**

Emil Hvitfeldt, RStudio



@Emil\_Hvitfeldt

4:40 pm - 5:00 pm

**Breaking Down Complex Data Science Topics**

Megan Robertson, Nike



@leggomymeggo4

5:00 pm - 5:10 pm

Closing Remarks

5:10 pm - 6:45 pm

**Join us for Happy Hour in The Tinker Room!  
Drinks, Food and Fun!**

9:00 am - 9:50 am

Open Registration &amp; Breakfast

9:50 am - 10:00 am

**Opening Remarks**

Jared P. Lander, Lander Analytics

 @jaredlander

10:00 am - 10:20 am

**Causal not Casual: Building Up Causal Measurement**

Cat Zhou, Twitter

 @catherinezh

10:25 am - 10:45 am

**Using Data and R to Deliver Evidence-Based Care for Substance Use Disorders**

Asmae Toumi, PursueCare

 @asmae\_toumi

10:45 am - 11:15 am

Break &amp; Networking

11:15 am - 11:35 am

**Functional Data Methods for Characterizing Health and Disease Patterns via mHealth Technologies**

Ipek Ensari, Data Science Institute at Columbia University

 @datatransformr

11:40 am - 12:00 pm

**The Perfect Data Science Stakeholder**

Stacy Lansey, Warby Parker

 @StacyLansey

12:05 pm - 12:25 pm

**Problems Worth Solving in Mental Health Care**

Geetu Ambwani, Spring Health

 @geetuji

12:25 pm - 1:30 pm

Lunch &amp; Networking

1:30 pm - 1:50 pm

**Apache Arrow in an Interconnected World**

Wes McKinney &amp; Jon Keane, Voltron Data

 @wesmckinn  
 @jonkeaneAll times are  
America/New\_York

1:55 pm - 2:15 pm

**Deep Down, Everyone Wants to be Causal**

Jennifer Hill, New York University

2:20 pm - 2:40 pm

**Monitor Your Data As Well As Your Model**

Max Kuhn, RStudio

 @topepos

2:40 pm - 3:10 pm

Break &amp; Networking

3:10 pm - 4:10 pm



**SuperDataScience**  
**PODCAST**  
w/ Jon Krohn  
**LIVE RECORDING**  
**SPECIAL GUEST:**  
**Hilary Mason**  
Co-Founder & CEO of Hidden Door  
 @JonKrohnLearns  
 @hmason

4:10 pm - 4:20 pm

Closing Remarks

4:30 pm - 6:30 pm

**Please join us for Happy Hour at  
Bloom's Tavern on the 2nd floor!**208 E 58th St, New York, NY 10022  
(On 58th St. btw. 2nd & 3rd Ave.)

**SPECIAL SHOUT OUT TO ALL OUR SPEAKERS!**  
**This conference wouldn't be possible without you.**

Thank you for joining us for the eighth annual New York R Conference!  
We look forward to seeing you again soon.

Visit [rstats.ai](https://rstats.ai) for upcoming R Conferences



CONFERENCE

NEW YORK

**WiFi Name: NYR Conference**

**WiFi Password: TheLetterR**

**Twitter: @rstatsai**

**Hashtag: #rstatsnyc**



New York Open Statistical  
Programming Meetup

**Website: [nyhackr.org](http://nyhackr.org)**

**Twitter: [@nyhackr](https://twitter.com/nyhackr)**

**Slack: [nyhackr.slack.com](https://nyhackr.slack.com)**

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# Mental Healthcare Should Be Precise, Personal, and Proven

Spring Health has built a proven model of delivering best-in-class mental healthcare through the right blend of technology and human support.

## Traditional Care



✗ Fast access ✗ Right care, right time

## Other Digital Mental Health Solutions



✓ Fast access ✗ Right care, right time

## Spring Health



✓ Fast access ✓ Right care, right time

## We're Growing Our Data Science Team to Transform Mental Healthcare



## Open Positions

- Director, Data Scientist
- Lead Data Architect
- Lead Data Scientist
- Research Scientist
- Senior Data Scientist

## Why Spring Health?

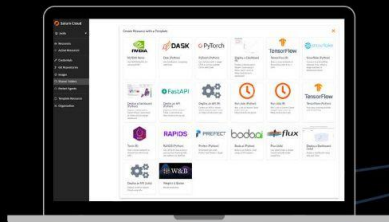
- Awesome team and strong mission
- 5x annual revenue growth
- 400-500 employees, NYC HQ
- Diverse, empathetic team
- We love R

Visit [bit.ly/3wtPwPS](https://bit.ly/3wtPwPS) to apply today!



## Move your data science team into the cloud without having to switch tools.

All the tools and compute you want—**it just works.**



Saturn Cloud is a platform that allows you to work with R using scalable resources in the cloud. The entire R data science lifecycle is supported: Use RStudio for analysis, deploy plumber and shiny apps, and run R in parallel or on GPUs. With Saturn Cloud's intuitive user interface and flexible configuration, there is nothing you can't do with R in the cloud.

## Use exactly the hardware and software you want.



**2 to 128  
vCPUs**



**4GB to 4TB  
of RAM**



**0 to 8  
vGPUs**



**Distributed  
clusters**

git repositories | ssh connections | secrets manager | admin controls

## Multiple plans that are right for your use case:



### Hosted

Work as an individual  
in our hosted  
environment



### Hosted Organizations

Have your whole  
team work together  
on our infrastructure



### Enterprise

Install Saturn Cloud  
into your corporate  
AWS account



All the cloud compute and tools you  
need so you can just get to work.

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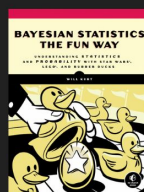
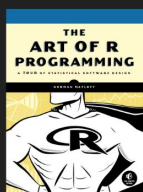
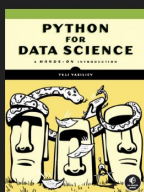
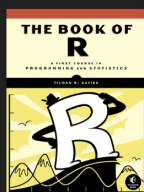
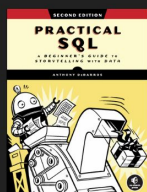
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# ART AUCTION

**Featuring pieces by artists in the R Community.  
All proceeds donated to the R Foundation.**



**R Hex Gear Bags**  
Made by Joyce Robbins

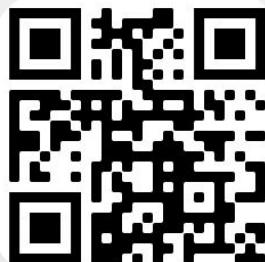


**Crafted Distributions**  
Made by Ludmila Janda



**R String Embroidery**  
Made by Perri Katzman

**Scan here  
to browse,  
bid & win!**



**Auction ends Friday, June 10th at 2 PM.**

# Notes

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