

**rstudio::conf(2020) January 29, 2020**

9:05 AM – 10:00 AM	Open Source Software for Data Science			
10:00 AM – 11:00 PM	Data, visualization, and designing with AI			
11:30 AM – 11:52 AM	Deploying End-to-End Data Science with Shiny, Plumber, and Pins	Meet You Where You R	Professional Case Studies	Simplifying Data Quality Monitoring of Dynamic Longitudinal Data
11:53 AM – 12:15 PM	We're hitting R a million times a day so we made a talk about it	Data Science Education in 2022	How Vibrant Emotional Health Connected Siloed Data Sources and Streamlined Reporting Using R	vctrs: Creating custom vector classes with the vctrs package
12:16 PM – 12:38 PM	Growth Hacking with R - Product Analytics at Scale using R and RStudio	Data science education as an economic and public health intervention in East Baltimore	Building a new data science pipeline for the FT with RStudio Connect	Asynchronous programming in R
12:39 PM – 12:59 PM	Practical Plumber Patterns	Of Teacups, Giraffes, & R Markdown	How to win an AI Hackathon, without using AI	Azure Pipelines and GitHub Actions
2:15 PM – 2:37 PM	Production-grade Shiny Apps with golem	If you build it, they will come...but then what? Facilitating communities of practice in R	Accelerating Analytics with Apache Arrow	15 Years of R in Quantitative Finance
2:38 PM – 3:00 PM	Making the Shiny Contest	Embracing R in the Geospatial Community	Updates on Spark, MLflow, and the broader ML ecosystem	Deep Learning Extraction for Counterparty Risk Signals from Millions of Documents
3:01 PM – 3:23 PM	Styling Shiny apps with Sass and Bootstrap 4	The development of "datos" package for the R4DS Spanish translation	What's new in TensorFlow for R	Rpanda trading simulation - from an idea to a multi-user shiny app

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3:24 PM – 3:44 PM	Reproducible Shiny apps with shinymeta	R: Then and Now	Deep Learning with R	The good, the bad and the ugly: What I learned while consulting across the business as a data scientist
4:00 PM – 4:22 PM	Flipbooks	Getting things logged	Journalism with RStudio, R, and the tidyverse	Approaches to Assay Processing Package Validation
4:23 PM – 4:45 PM	Learning R with humorous side projects	Technical debt is a social problem	Putting the Fun in Functional Data: A tidy pipeline to identify routes in NFL tracking data	Building a native iPad dashboard using plumber and RStudio Connect in Pharma
4:46 PM – 5:08 PM	Toward a grammar of psychological experiments	Parallel computing with R using foreach, future, and other packages	R + Tidyverse in Sports	FlatironKitchen: How we overhauled a Frankensteinian SQL workflow with the tidyverse
5:09 PM – 5:29 PM	R for Graphical Clinical Trial Reporting	Future: Simple Async, Parallel & Distributed Processing in R	Making better spaghetti: Exploring the individuals in longitudinal data brolgar	Using R to Create Reproducible Engineering Test Reports

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9:00 AM – 10:00 AM	Object of type 'closure' is not subsettable			
10:30 AM – 10:52 AM	The Glamour of Graphics	Branding and Packaging Reports with R Markdown	RMarkdown Driven Development	Building a Medical Device with R
10:53 AM – 11:15 AM	3D ggplots with rayshader	Don't repeat yourself, talk to yourself! Repeated reporting in the R universe.	renv: Project Environments to R	Development of a web-based clinical decision support application for platelet transfusion management
11:16 AM – 11:38 AM	Designing Effective Visualizations	How Rmarkdown changed my life	RStudio 1.3 Sneak Preview	Forecasting Platelet Blood Bag Demand to Reduce Inventory Wastage at the Stanford Blood Center
11:39 AM – 11:59 AM	Tidyverse 2019–2020	One R Markdown Document, Fourteen Demos	Using Jupyter with RStudio Server Pro	Shiny New Things: Using R to Bridge the Gap in EMR Reporting
1:00 PM – 1:22 PM	MLOps for R with Azure Machine Learning	Best practices for programming with ggplot2	Small Team, Big Value: Using R to Design Visualizations	Auto-magic package development: Building an R API for building Vega-Lite Specs
1:23 PM – 1:45 PM	Totally Tidy Tuning Techniques	Spruce up your ggplot2 visualizations with formatted text	UnicoRns are real	Bridging the gap between SQL and R: Introducing queryparser and tidyquery
1:46 PM – 2:08 PM	Neural Networks for Longitudinal Data Analysis	The little package that could: taking visualizations to the next level with the scales package	Data Science in Meatspace	List-columns in data.table: Reducing the cognitive and computational burden when working
2:09 PM – 2:29 PM	Stochastic Block Models with R: Statistically rigorous clustering with rigorous code	Extending your ability to extend ggplot2	Value in Data Science Beyond Models in Production	Advances in tidy eval

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2:45 PM – 2:50 PM	Career Advice for Data Scientists	livecode: broadcast your live coding sessions from and to RStudio	Making a tidy dress	
2:50 PM – 2:55 PM		A high school student's journey to bring R into the classroom	Datasets in Reproducible Research with 'pins'	
2:55 PM – 3:00 PM		Course Material Creation in the R Ecosystem	Becoming an R blogger	
3:00 PM – 3:05 PM		Data Science for Software Engineers: busting software myths with R	Mexican electoral quick count night with R	
3:05 PM – 3:10 PM		Learn to teach, for goodness sake	Rproject templates to automate and standardize your workflow	
3:10 PM – 3:15 PM		Learning by Teaching: Mentoring at the R4DS Online Community	Sound annotation with Shiny and wavesurfer	
3:15 PM – 3:20 PM		Every voice matters: An analysis of @WeAreRLadies	Peer review in data science courses	
3:20 PM – 3:25 PM		The Five Principles of Data Science Education	Lessons about R I learned from my cat	
3:25 PM – 3:30 PM		TidyBlocks: using the language of the tidyverse in a blocks-based interface		
4:00 PM – 5:00 PM		NSSD Episode 100		