

EARL San Francisco – Agenda

Holiday Inn Golden Gateway

Monday 5 June - Workshops

9:00am – 10:00am	Registration and Morning Tea/Coffee	
10:00am – 11:30am	Workshop 1: Spark and R with sparklyr	Workshop 2: Web scraping and text analysis in R
11:30am – 11:45am	Morning break – Tea/Coffee	
11:45am – 1:00pm	Workshop 1 continued	Workshop 2 continued
1:00pm – 2:00pm	Registration and Afternoon tea/coffee	
2:00pm – 3:30pm	Workshop 3: Working with the MicrosoftML package	Workshop 4: Working with GitHub
3:30pm – 3:45pm	Afternoon break – Tea/Coffee	
3:45pm – 5:00pm	Workshop 3 continued	Workshop 4 continued

Tuesday 6 June – Conference Day 1

8:00am – 9:00am	Registration and arrival tea and coffee
9:00am – 9:10am	Welcome – Richard Pugh, Mango Solutions
9:10am – 9:55am	Keynote: Hilary Parker, StitchFix
9:55am – 10:40am	Keynote: Ricardo Bion, AirBnB
10:40am – 11:00am	Mid-morning refreshments

	STREAM 1	STREAM 2
11:00am-12:30am	Session 1 Joseph Rickert, RStudio <i>R's role in Data Science</i>	Session 2 Kelly O'Briant, B23 LLC <i>The missing manual for running R on Amazon Cloud</i>
	Gabriela de Queiroz, SelfScore <i>'Full Stack' Data Science with R: production data science and engineering with open source tools</i>	Aaron Hamming, ProAssurance <i>Using data to identify risky prescribing habits in physicians</i>
	Mark Sellors, Mango Solutions <i>An R Operating Model for the Enterprise</i>	Filip Stachura, Appsilon Data Science <i>How we built a Shiny App for 700 users</i>
	Lunch	
12:30pm -1:30pm 1:30pm – 3:00pm	Session 3 Szilard Pafka, Epoch <i>Machine Learning with R for business applications</i>	Session 4 Dennis Salguero, VegasCrimeStats <i>Crimes and Data: Predictive policing with municipal data collection and R</i>
	David Bishop, Hitachi Solutions America <i>Using R in the clean energy industry to enable autonomous workloads</i>	Sharvari Bhagwat, Amgen <i>R as a pharmacokinetic simulation tool</i>
	Dr Aleksander Dietrichson, Blackboard Inc. <i>Going enterprise with X-Ray Learning Analytics</i>	Hossein Falaki, Databricks <i>Processing large data in R using Apache Spark</i>
3:00pm-3:30pm	Afternoon refreshments	
3:30pm – 5:00pm	Session 5 Dr Chris Boosalis, Sacramento State University <i>Using Shiny and R to build powerful dashboards to assess learning outcomes in Higher Education</i>	Session 6 Daniela Saldana, Amgen <i>Geographic enrollment optimization – optimizing time and cost of clinical trials using R</i>
	Gergely Daroczi, CARD.com <i>Stream processing with R in AWS</i>	Elena Schneider, InsightRx <i>Treating patients with R</i>
	Dr Mohammed Zakaria, Catapult Sports <i>Using R to apply machine learning techniques in sports</i>	David Smith, Microsoft <i>Predicting patient length-of-stay in hospitals</i>
	7:00pm – 10:30pm	Conference evening event at La Mar Cebicheria Peruana

Wednesday 7 June – Conference Day 2

8:00am – 9:00am	Registration and arrival tea and coffee
9:00am – 9:45am	Keynote: Prakhar Mehrotra, Uber
9:45am – 10:15am	R Community: R Consortium
10:15am – 10:40am	R Community: R Ladies Global
10:40am – 11:00am	Mid-morning refreshments

	STREAM 1	STREAM 2
11:00am-12:30am	Session 1	Session 2
	David Croushore, Pandora Media Inc <i>Staying on top of the beat: How Pandora uses R and Shiny to monitor its business</i>	Kyle Allaire and Shad Thomas (co-presenter), Glass Box Research <i>Visual representations of market segmentation using Shiny</i>
	Jeremy Morris, Domo Inc <i>API interfaces with R</i>	Beth Ashlee and Nicola Crane, Mango Solutions <i>SAS to R: Doing it right</i>
	Emily Bailey, Uber <i>Moving analysts from excel to R – quickly, painlessly, and at scale</i>	Mike Gahan, Metabiota <i>Large-scale reproducible simulation pipelines in R using Docker</i>
12:30pm -1:30pm	Lunch	
1:30pm – 3:00pm	Session 3	Session 4
	Richard Pugh, Mango Solutions <i>Athena: A Shiny app success story</i>	Madhura Raju, Microsoft <i>Understanding server traffic and identifying potential Denial of Service attacks</i>
	Matt Dancho, Business Science <i>New Tools for Performing Financial Analysis within the ‘Tidy’ Ecosystem</i>	Ari Lamstein, Lamstein Consulting <i>Beyond popularity: Monetizing R packages</i>
	Ali Marami, RBrain <i>Implementing dual time dynamic models in R for credit risk management</i>	Aimée Gott, Mango Solutions <i>Exploration of literature databases with Shiny</i>
3:00pm-3:30pm	Afternoon refreshments	
3:30pm – 5:00pm	Session 5	Session 6
	JS Tan, Microsoft <i>doAzureParallel - Using Azure as Your Parallel Backend for high performance work</i>	Luke Fostvedt, Pfizer <i>The Pharmaceutical industry’s polyamorous relationship with R</i>
	Professor Thomas Vaughan, Fred Hutchinson Cancer Research Center <i>Interactive visualization of cancer risk in primary care: Precision prevention</i>	Tyler Cole, Amgen <i>Pioneering R for clinical development at Amgen</i>
	Eduardo Ariño de la Rubia, Domino Data Lab <i>Powering APIs with R and building Shiny applications to test them</i>	Gabriel Becker, Genentech <i>Enhancing reproducibility, comparability and discoverability of results in multi-analyst settings</i>
5:00pm-5:10pm	Closing conference remarks – Richard Pugh and Mark Sellors, Mango Solutions	

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