

# OCRUG

# Hackathon 2019

May 18 – 19, 2019

Paul Merage Business School • University of California, Irvine



Twitter: [oc\\_rug](#)

# Goals of the Hackathon

- The focus is on **education & teamwork**
- Competition is used to frame the event, give a concrete goal to work toward
- Please freely share your experience and expertise, help others when you can
- What might success look like?
  - You've tackled a real world data set, and done something interesting with it
  - You've learned something new about R and data analysis
  - You've connected with others and grown from the experience

# Rules

- All participants must abide by our code of conduct  
<https://github.com/ocrug/hackathon-2019/blob/master/code-of-conduct.md>
- All work presented by the teams must be based upon work performed at the hackathon
- Feel free to help others, even across teams
- Please be courteous of the facilities, handle your trash, etc.

# Schedule

## Saturday

Time	Event
08:30 AM - 09:00 AM	Registration and breakfast
09:00 AM – 09:45 AM	Tutorial - Data manipulation with tidy tools
09:45 AM - 10:30 AM	Tutorial - Data visualization with ggplot2
10:30 AM - 10:45 AM	Break
10:45 AM - 11:30 AM	Tutorial - Data modelling with caret
11:30 AM - 12:30 PM	Tutorial - Using the AWS Console
12:30 PM – 01:00 PM	Lunch
01:00 PM – 01:30 PM	Data set released, Data overview, groups formed
01:30 PM – 05:30 PM	Working Session
05:30 PM – 07:00 PM	Dinner & Discussion Session
07:00 PM - 10:00 PM	Working Session

# Schedule

## Sunday

Time	Event
08:30 AM - 09:00 AM	Breakfast
09:00 AM – 12:00 PM	Working session
12:00 PM – 01:00 PM	Lunch
01:00 PM – 02:00 PM	Groups prepare presentations
02:00 PM – 03:00 PM	Group presentations (5 min each)
03:00 PM – 03:30 PM	Judges discuss and select winners
03:30 PM – 04:00 PM	Award presentation & wrap-up

# Awards Categories

- Best Insight
- Best Visualization
- Best Model
- Most Helpful Person

**More info on the judging guidelines:**

[https://github.com/ocrug/hackathon-2019/blob/master/admin/judging\\_guidelines.md](https://github.com/ocrug/hackathon-2019/blob/master/admin/judging_guidelines.md)

**Winning teams will be cordially invited to present their work  
at the May OCRUG Meeting  
Tuesday May 28th @ 6:30 PM**

# Team Formation

- Everyone needs to be on a team with 2 — 5 people
- We encourage teams to have 5 people
- For teams already formed with less than 5 people, consider bringing additional people in

## **For Participants that need a team & existing teams that need more members**

- We'll divide the room into three sections, one for each of the award categories (insight, visualization, model)
- Go to the section that interests you most
- Group up with the people within your section (we'll help out too if you need it)

# Presentations

- All teams will submit a **short 2 - 3 page PDF summary** of their findings
- Teams will have **5 minutes to present** their work
- The panel of judges will review the work and decide on the awards
- Try to have a good idea about what you'll be presenting by Saturday night!



# Logistics

- Feel free to come and go as you like.  
IMPORTANT: Building door locks at 10 PM
- We have several breakout rooms if you'd like a quieter environment, the patio if you'd like some air
- Please be mindful of others in the building
- Let us know if you see anything that might need our attention
- The Slack channel #hackathon-2019 will be used for announcements and you are encouraged to post questions / comments

# Logistics

- Pull the latest Hackathon GIT repo before starting.
- There is a ton of information about the Hackathon. Check out the README
- Updates to the Hackathon repo will be made throughout the event
- There will be a vote for the Most Helpful Person. Votes must be in by 2PM on Sunday.
- Meals will generally be on the patio.
- Coffee, tea, water, soda and snacks will be available throughout the event
- Please fill out the post-event feedback survey

# Thanks to our Sponsors!



# Thanks to our Volunteers!!!



# Questions?

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***Tweet about our event!***