# 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

**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!
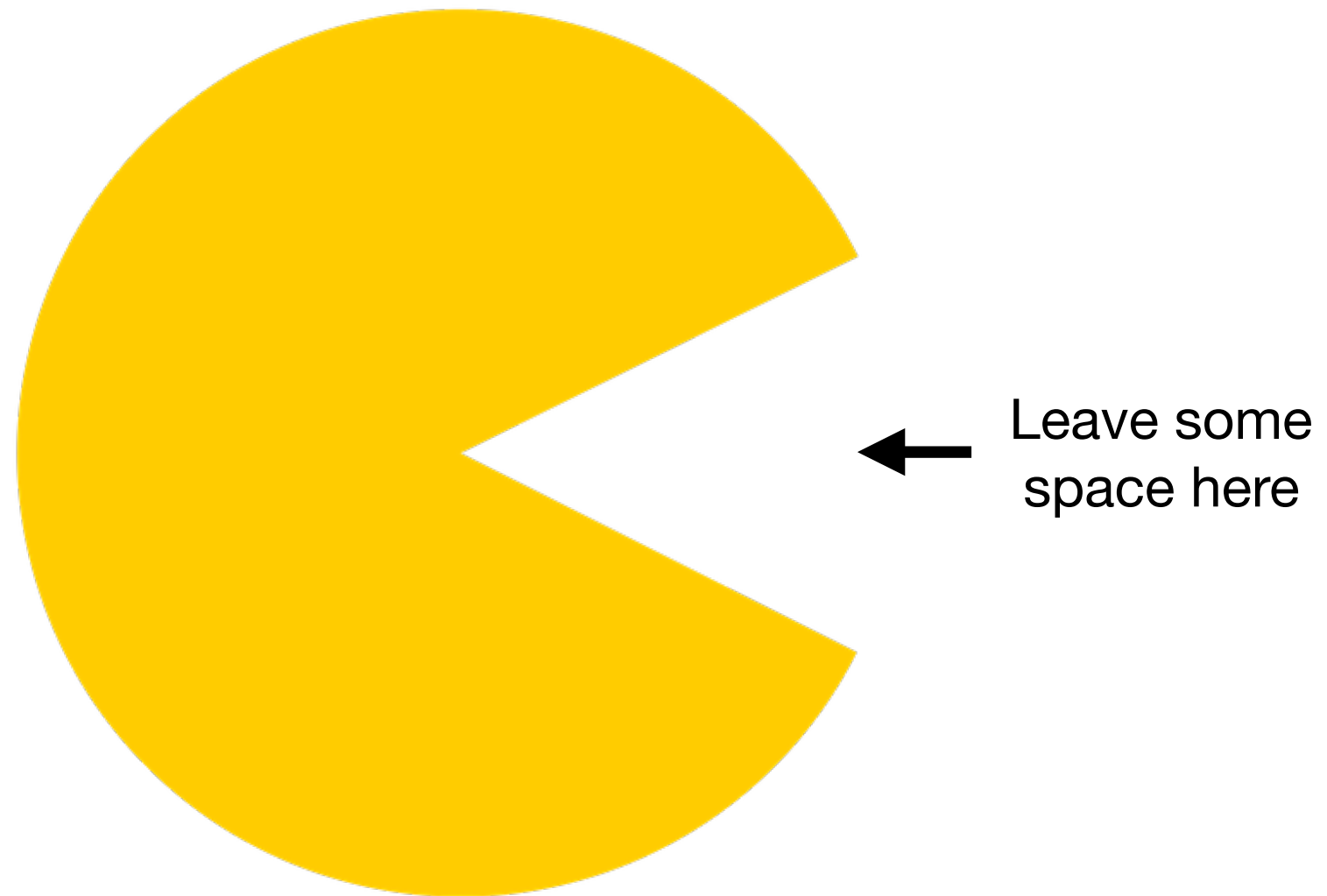
# Logistics

- 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

# The PacMan Rule

*When standing as a group of people, always leave room for 1 person to join your group.*

← Leave some space here

# Thanks to our Sponsors!

# Thanks to our Volunteers!!!

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# Questions?