



Data Hackathon 2024

Introduction

2024-04-27

Southern California R Users Group

April 27 — 28, 2024

University of California, Irvine

The Paul Merage School of Business

- WiFi Setup Connect to SSID: UCInet Mobile.
 - Go to **<https://oit.uci.edu/reg>**.
 - Register your device as a guest
- If you have problems:
 - OIT support line at (949) 824-2222 option 3
 - Merage IT support line at (949)824-0852

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 data analysis.
 - You've connected with others and grown from the experience.

Rules

- All participants must abide by our **code of conduct**.
- 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
09:00 AM	Registration starts
09:00 AM - 9:15 AM	Light Breakfast, Set-up, Tech Support
09:15 AM - 9:30 AM	Welcome & Introduction
09:30 AM – 11:00 AM	Tutorial: Javier Orraca - “Larger than memory data analysis in Python & R (via Arrow and DuckDB)
11:00 AM - 11:10 AM	Break
11:10 AM - 12:40 PM	Tutorial: Emil Hvitfeldt - “Feature Engineering”
12:40 PM – 01:40 PM	Lunch
01:40 PM – 02:00 PM	Morning Wrap-up, Questions, Team

Formation

02:00 PM – 02:30 PM	Welcome, Data Set Overview
02:30 PM – 05:30 PM	Working Session
05:30 PM – 06:30 PM	Dinner
06:30 PM - 10:00 PM	Working Session
10:00 PM	Building Automatically Locks

Schedule - Sunday

Time	Event
08:30 AM	Doors Open
~12:00 PM	Working Session
12:00 PM	Presentation Submission Deadline
12:00 PM – 1:00 PM	Lunch
1:00 PM – 1:30 PM	Presentation Prep
1:30 PM – 3:00 PM	Group presentations
3:00 PM – 3:30 PM	Judges Deliberate; Complete Event Survey
3:30 PM – 4:00 PM	Award Presentation & Wrap-Up

Awards Categories

- Best Insight
- Best Visualization
- Best Analysis
- Best Presentation

Team Formation

- Everyone needs to be on a team with 3 — 5 people.
- We encourage teams to have 5 people.
- For teams already formed with less than 5 people, consider inviting additional people to join you.
- Let the organizers know if you need help finding a team.

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

- Building door locks at 10 PM
- Sunday the building is locked. Doors are open between 8:30-9:00.
 - If you leave, please arrange to have someone from your team let you in.
- We have several breakout rooms for teams to us. Please keep the door open.
- The patio can be used throughout the event.
- Please be mindful of others in the building.
- Let us know if you see anything that might need our attention.

Logistics

- The Slack channel **#hackathon-2024-04** will be used for announcements and you are encouraged to post questions/comments
 - **Slack Group sign-up**
- No food or drink (other than water) in the classrooms.
- Please clean up your mess or any mess that you see.
- Pull the latest hackathon GIT repo before starting.
- There is a ton of information about the hackathon in the README file.
- Updates to the hackathon repo will be made throughout the event.
- Meals will generally be on the patio.
- Coffee, tea, water, soda and snacks will be available.
- 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.

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Thanks to our Volunteers and Sponsors!
