

//data hack 2024 Welcome Packet

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Welcome!

We are super excited to see you here at Datahack 2024 hosted by the Machine Learning Data Science Club, Texas Convergent This document contains all the important info you need to know about today's competition! Make sure to skim it right now and come back to it later as needed.

Teams

Teams must have **at least** 3 people and **at most** 4 people. We will not be team matching, so you must have registered with a team.

'Schedule

	8:30	9:00	Sign in/Breakfast
	9:00	9:30	Welcome and Explanatio
	9:30	4:00	Students Work
*	12:00		Lunch
	4:00		Submissions Due
*	4:15	5:15	Gallery Walk Judging
	5:20	6:20	Presentations
	6:20	6:30	Presentation Judging
*	6:30	7:00	Awards Ceremony
*	7:00		End of Event

Discord Channels

Link: [Link TBD]

All times listed are in CDT (Central Daylight Time)

Channel	About Channel	Time
#Main	Breakout groups into their channels	7:30AM-4:10PM
	Virtual Gallery Walk & Presentations	4:15-4:45PM
	Awards	5:50-6:00PM
#Mentors	Technical help from Chevron mentors and MLDS/Convergent officers	Open after kickoff
#Judges	Judges to discuss and decide based on the presentations	5:45PM-6:00PM
#(team name)	Channels for each team that will only be open to that team's members and Chevron and MLDS/Convergent mentors	

Mentors

Big shoutout to the mentors from Chevron for helping out for this event, who will be present and able to provide technical advice.

Mentors will also be available from MLDS and Convergent's tech teams!

You can access mentors in the main auditorium or Discord channel! Feel free to drop into the channel for any sort of technical help from mentors!

Starter Code & Datasets

The dataset as well as a starter Jupyter notebook can be found in [Dataset TBD]. Additionally, in the GitHub Repo, you should be able to find a PDF with details on the dataset. Please reach out to any of the staff on-site if you have issues.

Links to Past Workshops

The links to past workshops (MLDS will be doing workshops on data cleaning, EDA, in weeks prior to the datahack) have been released on the MLDS Discord Server.

Judging and Gallery Walk

By the end of the competition, your team is expected to deliver (1) a concise 5-minute (or less) presentation about your idea and key findings, and (2) any code that you write/use.

Judging is split into two sections - gallery walk and final presentations. For the gallery walk, contestants will be split into several rooms where groups will present to MLDS/Convergent judges. From here, the final teams will be chosen to move into the final presentation stage. In this portion, contestants will present to corporate judges and everyone else. From there, the winners will be chosen.

Judges will evaluate your work via 3 categories:

- Creativity: How novel are your ideas? Is your submission
 exciting?
- ❖ Technical mastery: Is your proposal backed up by mathematical evidence? Did you use any interesting technologies?
- Quality: How effective is your presentation? How polished is your code? How well can you sell your idea?

Submissions

Findings as well as source code will be submitted to our MLDS email (mlds.utexas@gmail.com) with the subject line MLDS_datahack by 4:00 pm CDT. The link and any formatting requirements will be set up for the day of the competition.

Prizes

Thanks to Chevron, who have been extremely generous, we have some awesome prizes!

1st Place: \$2,000 in scholarships
2nd Place: \$1,000 in scholarship
3rd Place: \$500 in scholarships

Prize money is split between the winning team. Note that if you would rather not get the prizes in the form of scholarships, we can buy gadgets from Amazon for you. Contact us for more details.

Etiquette

This is a gentle reminder that all the mentors and folks helping out are doing that on a purely voluntary basis. Be nice to them and to your fellow hackers. If you observe any sort of harassment or otherwise unacceptable behavior, alert a mentor immediately, either in person or through Discord. Bad behavior is grounds for immediate

FAQ

How should I attend?

Datahack will be held in Welch Hall on March 30th, 2024. We will add people to a Discord server with all the relevant information.

How much does it cost to enter?

Texas Datahack is absolutely free for all UT students!

What will I be doing?

[Task and Dataset TBD]

Can I work on something I've already started?

No. You will have a lot of freedom in what to create at the hackathon, but the projects will have to utilize the dataset that we provide. This helps us create a more level playing field for the contestants.

Can I be a sponsor?

Please reach out to mlds.utexas@gmail.com

Any other questions?

You can email us at mlds.utexas@gmail.com