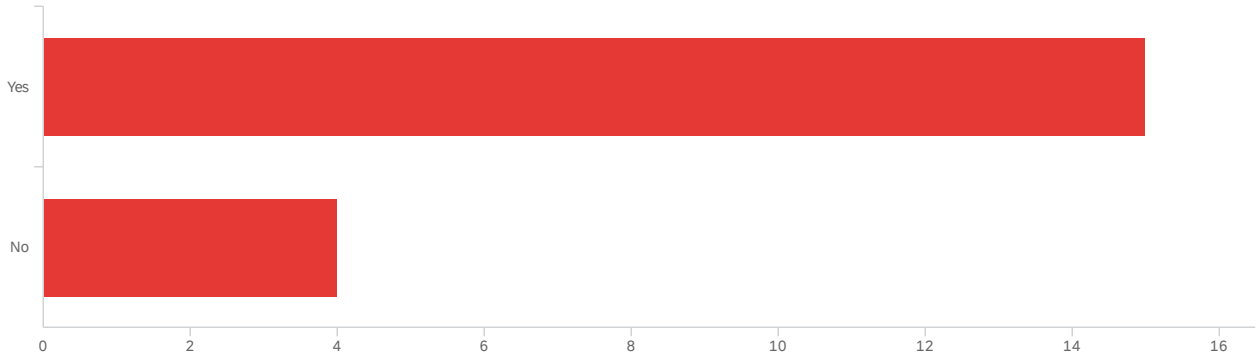
Default Report

Post-Brainhack 2019 survey

August 7, 2020 9:50 AM MDT

Q2 - Did you attend any portion of Brainhack 2020?

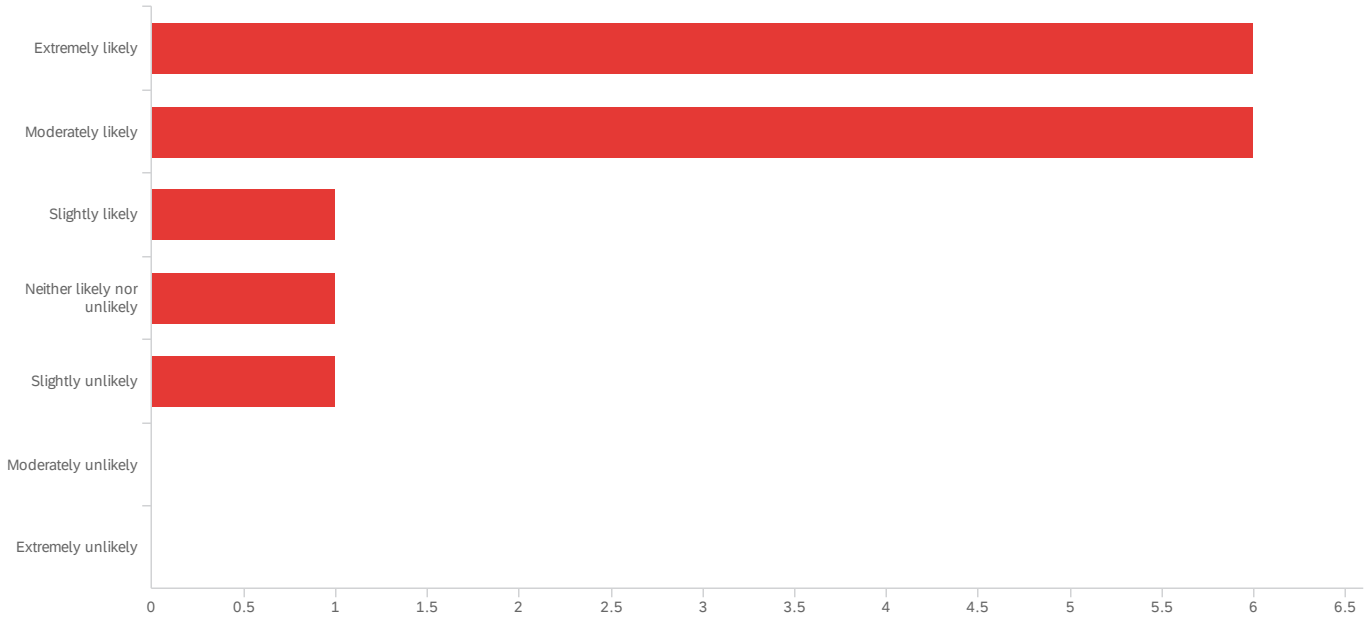


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did you attend any portion of Brainhack 2020?	1.00	2.00	1.21	0.41	0.17	19

#	Field		Choice Count
1	Yes	78.95%	15
2	No	21.05%	4
			19

Showing rows 1 - 3 of 3

Q3 - How likely is it that you would recommend Brainhack to a friend or colleague?

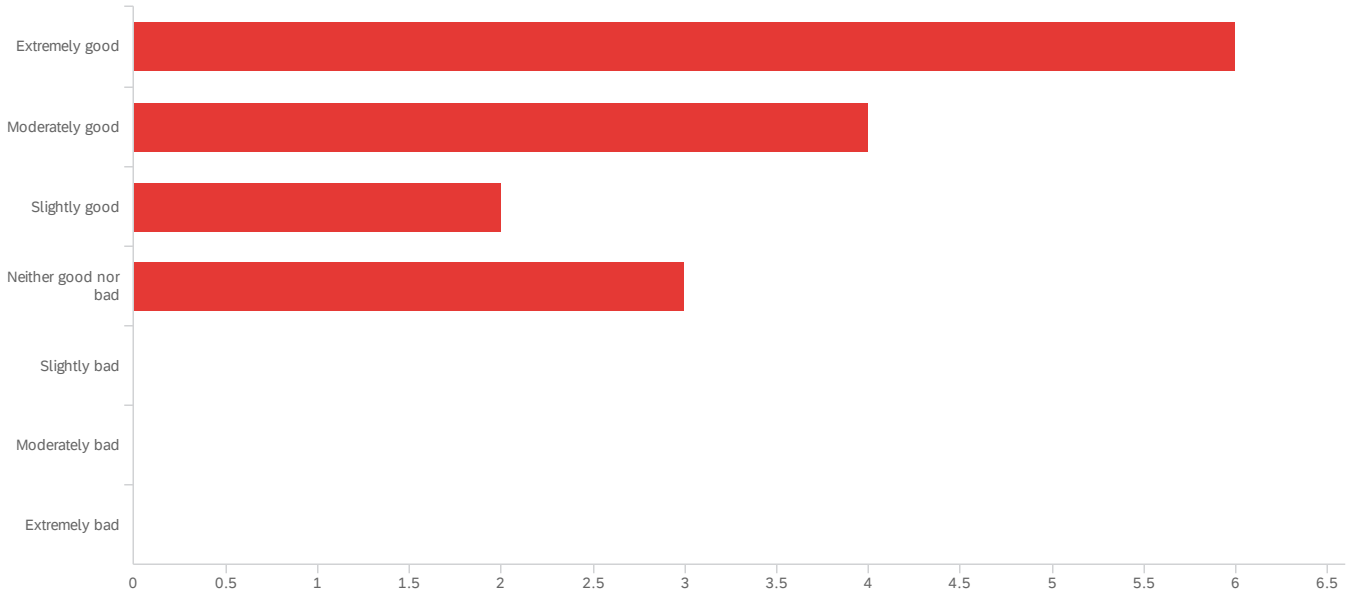


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How likely is it that you would recommend Brainhack to a friend or colleague?	1.00	5.00	2.00	1.15	1.33	15

#	Field		Choice Count
1	Extremely likely	40.00%	6
2	Moderately likely	40.00%	6
3	Slightly likely	6.67%	1
4	Neither likely nor unlikely	6.67%	1
5	Slightly unlikely	6.67%	1
6	Moderately unlikely	0.00%	0
7	Extremely unlikely	0.00%	0
			15

Showing rows 1 - 8 of 8

Q4 - Overall, how would you rate your experience at Brainhack 2020?

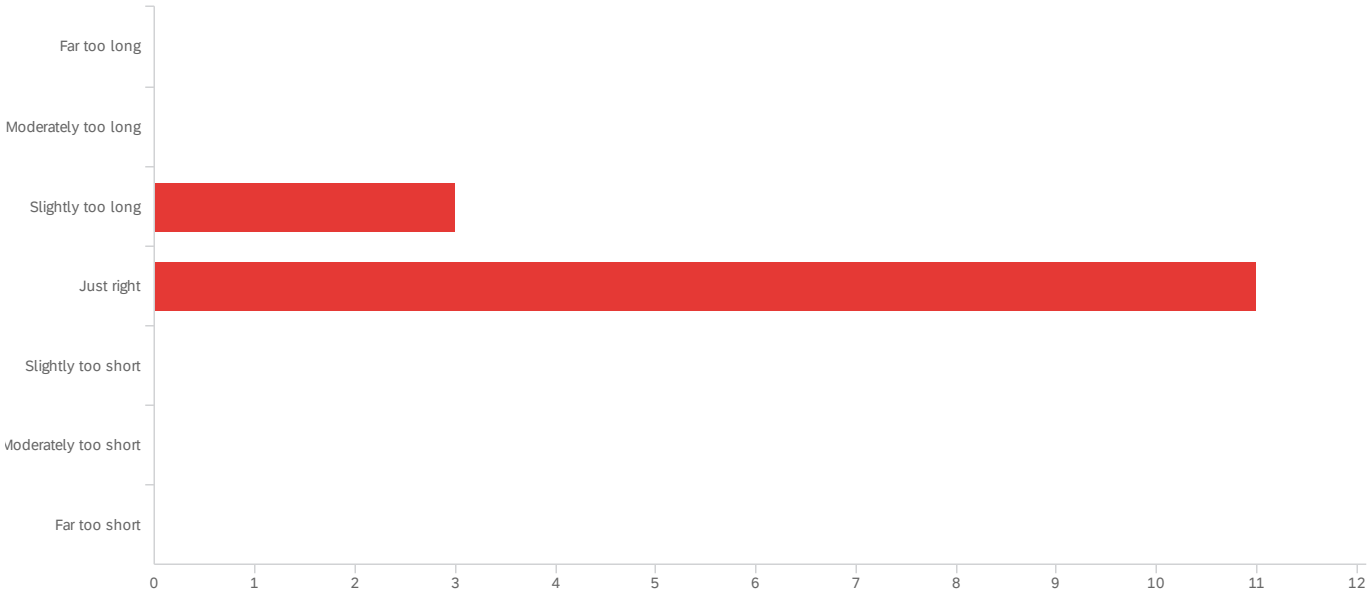


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Overall, how would you rate your experience at Brainhack 2020?	1.00	4.00	2.13	1.15	1.32	15

#	Field		Choice Count
1	Extremely good	40.00%	6
2	Moderately good	26.67%	4
3	Slightly good	13.33%	2
4	Neither good nor bad	20.00%	3
5	Slightly bad	0.00%	0
6	Moderately bad	0.00%	0
7	Extremely bad	0.00%	0
			15

Showing rows 1 - 8 of 8

Q5 - Was the Brainhack too short, too long, or just about right?

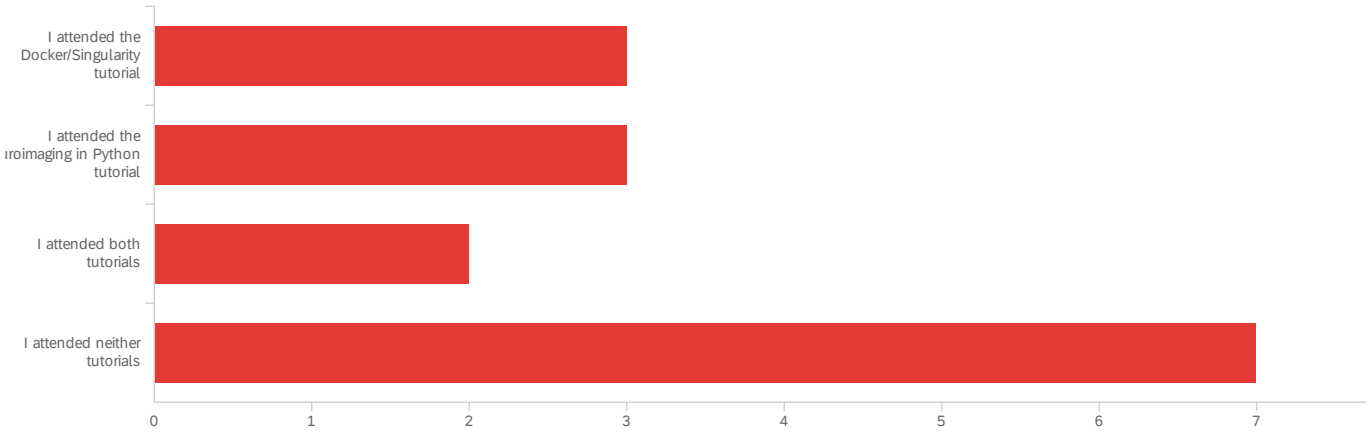


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Was the Brainhack too short, too long, or just about right?	3.00	4.00	3.79	0.41	0.17	14

#	Field		Choice Count
1	Far too long	0.00%	0
2	Moderately too long	0.00%	0
3	Slightly too long	21.43%	3
4	Just right	78.57%	11
5	Slightly too short	0.00%	0
6	Moderately too short	0.00%	0
7	Far too short	0.00%	0
			14

Showing rows 1 - 8 of 8

Q6 - Did you attend either the Docker/Singularity or the Neuroimaging in Python tutorials?

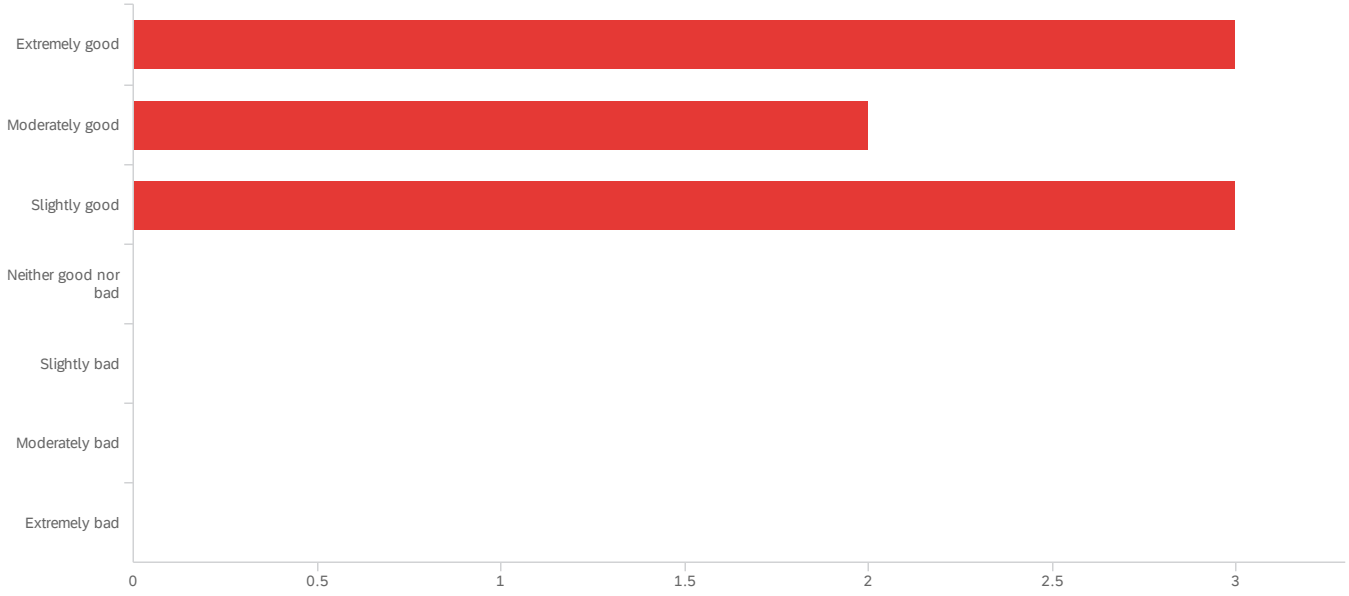


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did you attend either the Docker/Singularity or the Neuroimaging in Python tutorials?	3.00	6.00	4.87	1.20	1.45	15

#	Field		Choice Count
3	I attended the Docker/Singularity tutorial	20.00%	3
4	I attended the Neuroimaging in Python tutorial	20.00%	3
5	I attended both tutorials	13.33%	2
6	I attended neither tutorials	46.67%	7
			15

Showing rows 1 - 5 of 5

Q7 - Overall, how would you rate the accessibility of the tutorial(s)?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Overall, how would you rate the accessibility of the tutorial(s)?	1.00	3.00	2.00	0.87	0.75	8

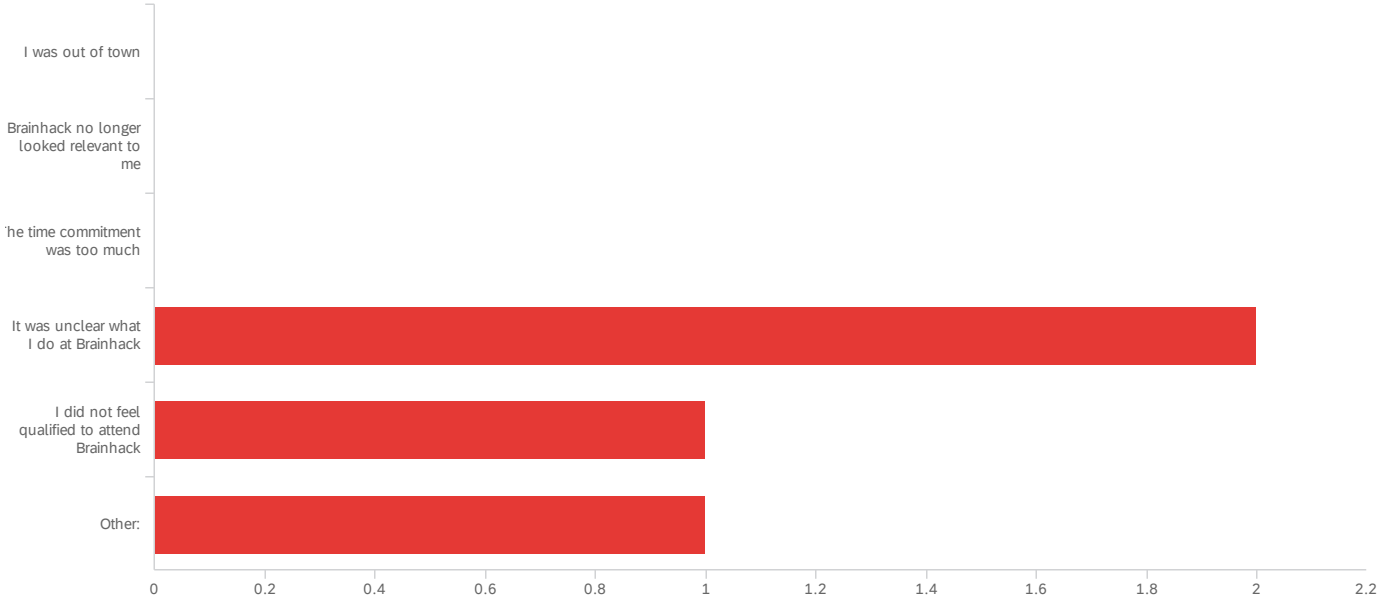
#	Field		Choice Count
1	Extremely good	37.50%	3
2	Moderately good	25.00%	2
3	Slightly good	37.50%	3
4	Neither good nor bad	0.00%	0
5	Slightly bad	0.00%	0
6	Moderately bad	0.00%	0
7	Extremely bad	0.00%	0
			8

Showing rows 1 - 8 of 8

Q8 - Please provide any suggestions you have to improve the tutorial(s)

Please provide any suggestions you have to improve the tutorial(s)
A lot of time was spent installing things, and helping people with basics. To me, this indicates that we should provide access to basic tutorials at the Brainhack itself, or maybe at a separate official event. People across campus are craving that, but doing it on your own time isn't as viable for many. Having an in-person walkthrough of the tutorials will be attractive to lots of people.
The tutorial was not overly crowded, so this wasn't an issue, but I'd imagine if there were more people it would be smart to split into groups of more vs less experienced users.
More time to work on examples
It would've been great if we can have a chance to play around with data more.

Q9 - List the reasons you did not attend Brainhack 2020 (select all that apply)



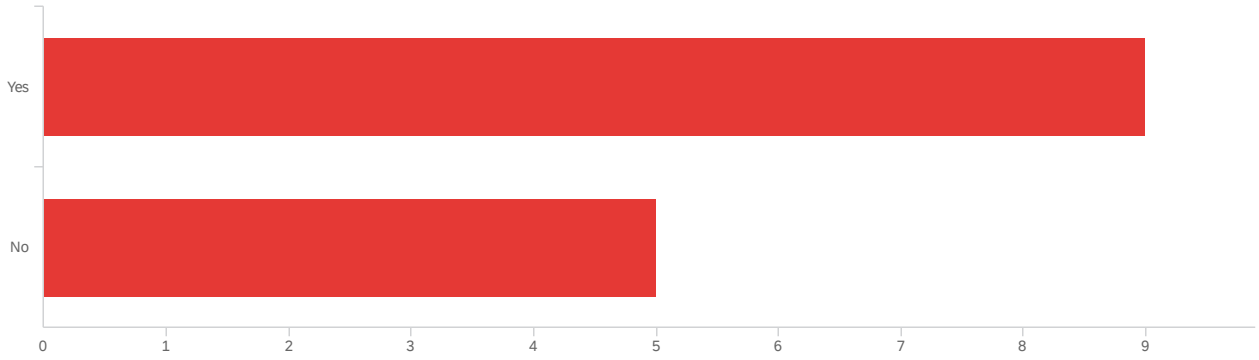
#	Field		Choice Count
1	I was out of town	0.00%	0
2	Brainhack no longer looked relevant to me	0.00%	0
3	The time commitment was too much	0.00%	0
4	It was unclear what I do at Brainhack	50.00%	2
5	I did not feel qualified to attend Brainhack	25.00%	1
6	Other:	25.00%	1
			4

Showing rows 1 - 7 of 7

Q9_6_TEXT - Other:

Other:
I attended unexpected trips right around this time and therefore did not have time. I heard it was awesome from one of my students that attended.

Q10 - Did you use any of the learning materials in the pre-brainhack workshops? (i.e. the materials assigned five weeks leading up to the brainhack)

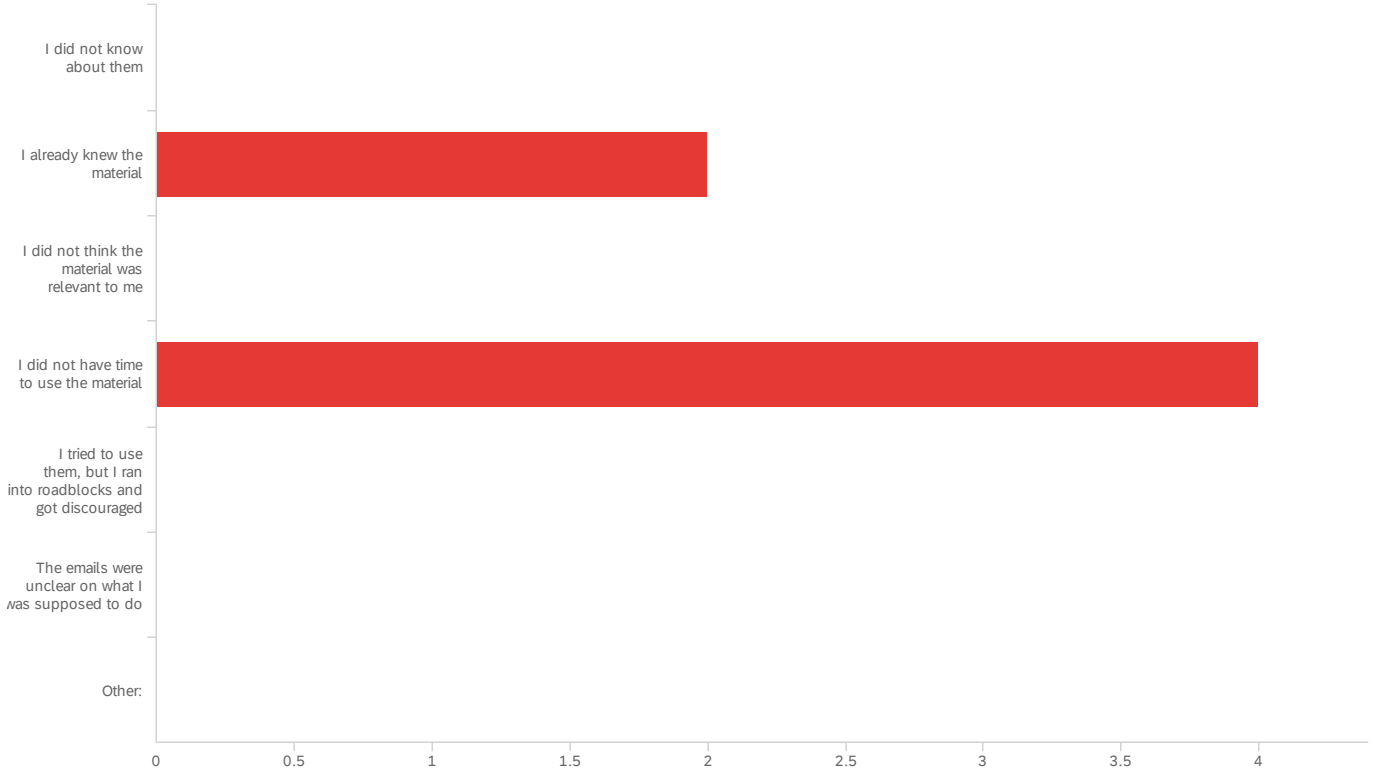


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did you use any of the learning materials in the pre-brainhack workshops? (i.e. the materials assigned five weeks leading up to the brainhack)	1.00	2.00	1.36	0.48	0.23	14

#	Field		Choice Count
1	Yes	64.29%	9
2	No	35.71%	5
			14

Showing rows 1 - 3 of 3

Q11 - Why did you not use the pre brainhack materials? (select all that apply)



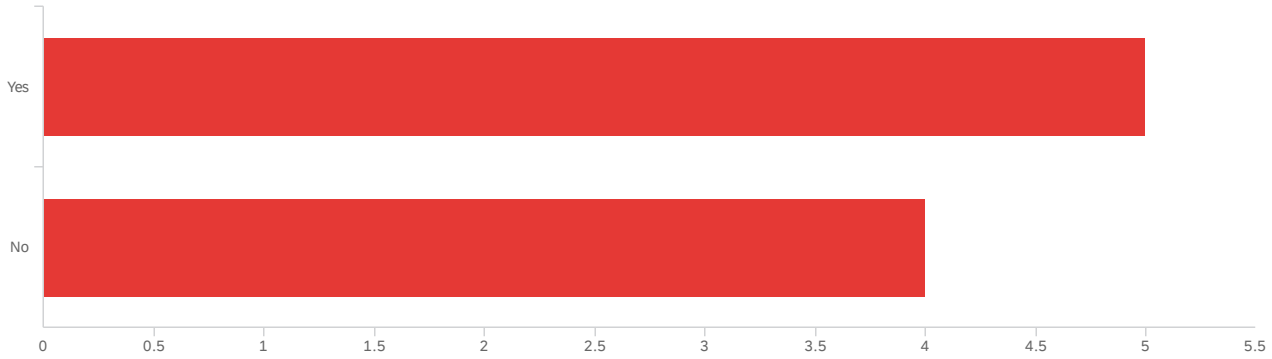
#	Field		Choice Count
1	I did not know about them	0.00%	0
2	I already knew the material	33.33%	2
3	I did not think the material was relevant to me	0.00%	0
4	I did not have time to use the material	66.67%	4
5	I tried to use them, but I ran into roadblocks and got discouraged	0.00%	0
6	The emails were unclear on what I was supposed to do	0.00%	0
7	Other:	0.00%	0
			6

Showing rows 1 - 8 of 8

Q11_7_TEXT - Other:

Other:

Q12 - Did you attend any of the pre-brainhack hacky hours? (office hours)

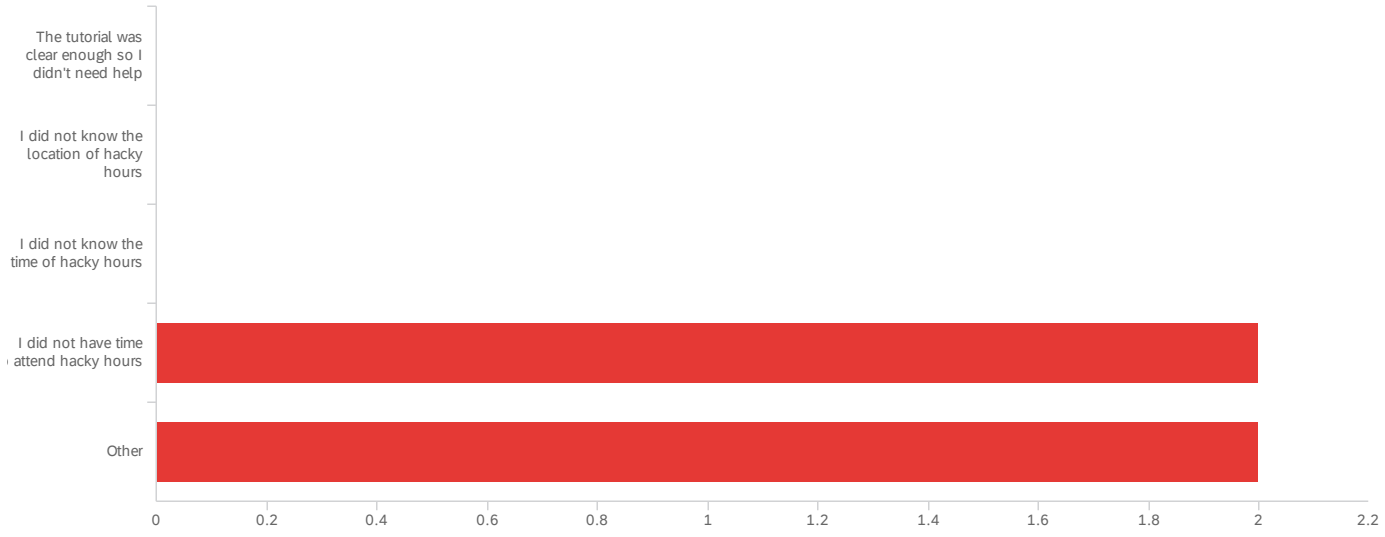


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did you attend any of the pre-brainhack hacky hours? (office hours)	1.00	2.00	1.44	0.50	0.25	9

#	Field		Choice Count
1	Yes	55.56%	5
2	No	44.44%	4
			9

Showing rows 1 - 3 of 3

Q13 - Why did you not attend hacky hours? (office hours). Select all that apply.



#	Field	Choice Count
1	The tutorial was clear enough so I didn't need help	0.00% 0
2	I did not know the location of hacky hours	0.00% 0
3	I did not know the time of hacky hours	0.00% 0
4	I did not have time to attend hacky hours	50.00% 2
5	Other	50.00% 2
		4

Showing rows 1 - 6 of 6

Q13_5_TEXT - Other

Other
time+location made it hard to get over there

Q14 - Please provide any suggestions you have to improve hacky hours for the lessons leading up to the brainhack. (If none, feel free to continue)

Please provide any suggestions you have to improve hacky hours for the less...

Possible addition of typical "hard topics" to cover if none are obvious or suggested in slack work-group page (increase incentive for attendance?)

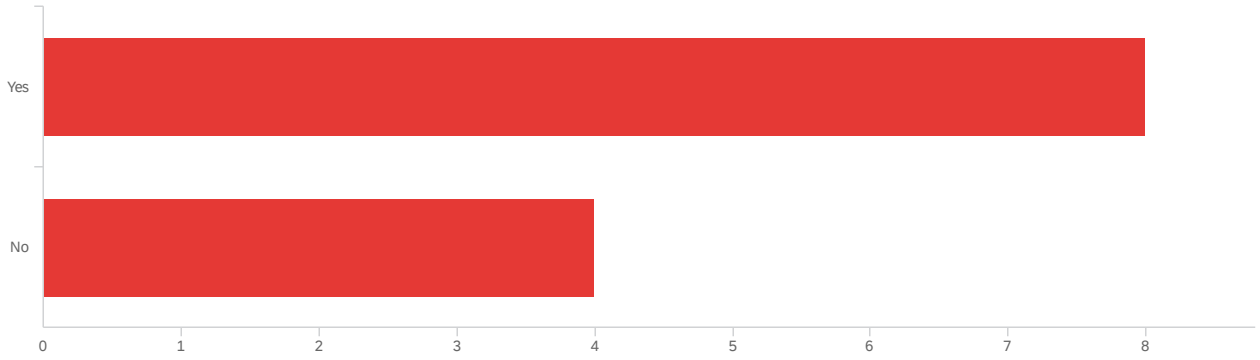
Q15 - Brainhack 2020: Who at the university of Iowa would you like to hear a project pitch from at next year's brainhack? (feel free to name one or more faculty like so: "Kai Hwang - Graph Theory in Neuroimaging")

Brainhack 2020: Who at the university of Iowa would you like to hear a proj...
N/A
Rainbo Hultman -- "Electomes" in fear and stress-related behaviors (how does the code work?)
Kai Hwang - Graph Theory in Neuroimaging Tim Koscik and post-mortem imaging and/or high-res MR imaging More like Maria's on computational biology problems associated with metabolism
Bob McMurray - Machine Learning in ECOG/Signal-LFP processing Kai Wang - RNA-Seq normalization and/or Genomics of rare disorder variants
Jacob Michaelson: RNAseq data analysis
Yes! Graph Theory would be helpful.

Q16 - Brainhack 2020: What computational biology/Neuroscience topics/tool sets are you most interested in working with at next year's brainhack? (ex: R Package Manager Bioconductor: mRNA analysis)

Brainhack 2020: What computational biology/Neuroscience topics/tool sets ar...
N/A
- Bioconductor: RNAseq, proteomics, etc. - Matlab/Octave programming in neural signal analysis
mRNA analysis would be nice.
R packages for "omics" R for directly working with MR imaging data
Neuroconductor (Python) Bioconductor (R)
I am not sure. I will defer to your judgement. You did great this year.

Q17 - Are you willing to answer a few more in depth questions about your experience of the brainhack?

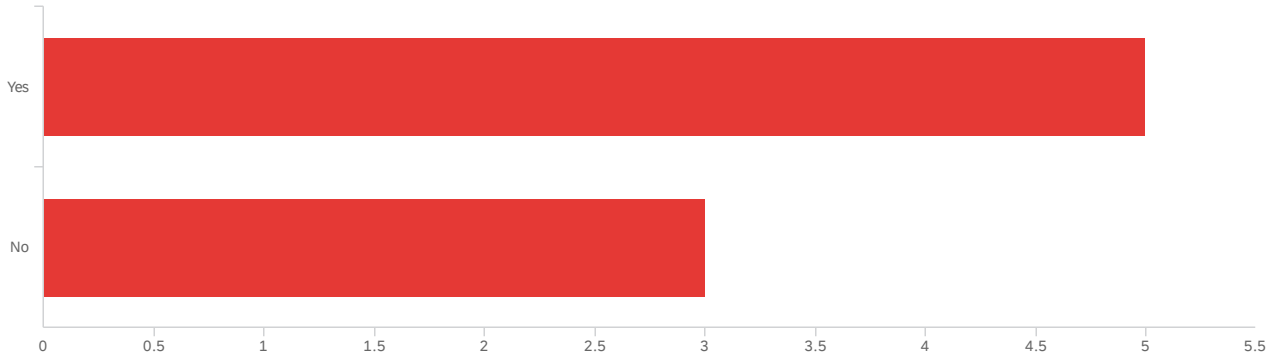


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you willing to answer a few more in depth questions about your experience of the brainhack?	1.00	2.00	1.33	0.47	0.22	12

#	Field		Choice Count
1	Yes	66.67%	8
2	No	33.33%	4
			12

Showing rows 1 - 3 of 3

Q18 - Did your perception of the brainhack match your experience?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did your perception of the brainhack match your experience?	1.00	2.00	1.38	0.48	0.23	8

#	Field		Choice Count
1	Yes	62.50%	5
2	No	37.50%	3
			8

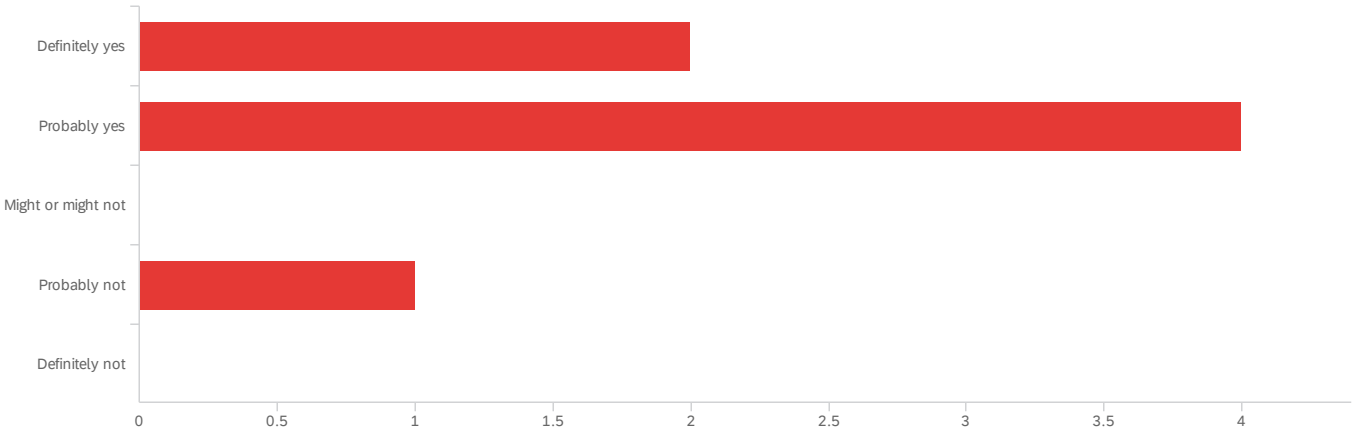
Showing rows 1 - 3 of 3

Q19 - What was different between event expectation compared with event experience?

(1 or more quick comments)

What was different between event expectation compared with event experience...
I was pleasantly surprised at how it was casual, in the sense of meeting people at their skill level and with their skill set.
I expected more discrete tasks within working groups. Was far more collaborative than imagined. Communication was very high and key to our success.

Q20 - Did you feel the structure of the Brainhack facilitated your goals for the event?

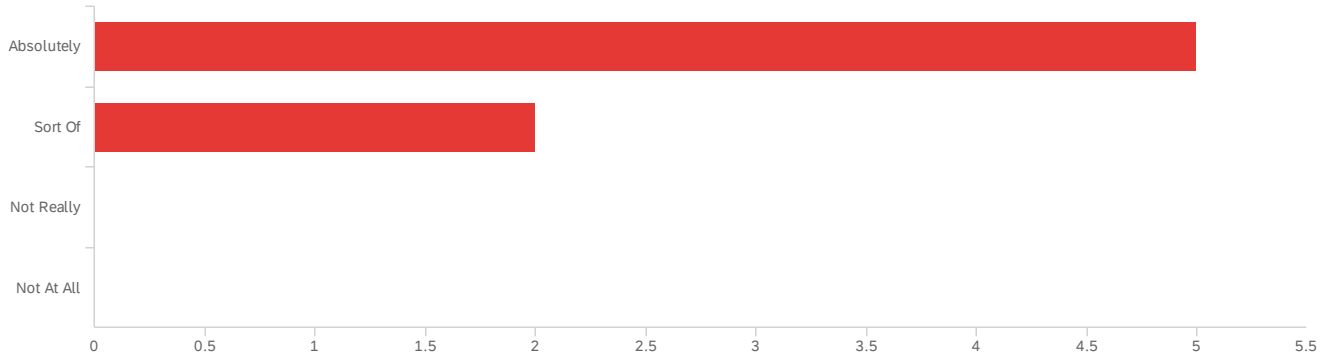


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did you feel the structure of the Brainhack facilitated your goals for the event?	1.00	4.00	2.00	0.93	0.86	7

#	Field		Choice Count
1	Definitely yes	28.57%	2
2	Probably yes	57.14%	4
3	Might or might not	0.00%	0
4	Probably not	14.29%	1
5	Definitely not	0.00%	0
			7

Showing rows 1 - 6 of 6

Q21 - Were email and event resources disseminated in a timely fashion?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Were email and event resources disseminated in a timely fashion?	1.00	2.00	1.29	0.45	0.20	7

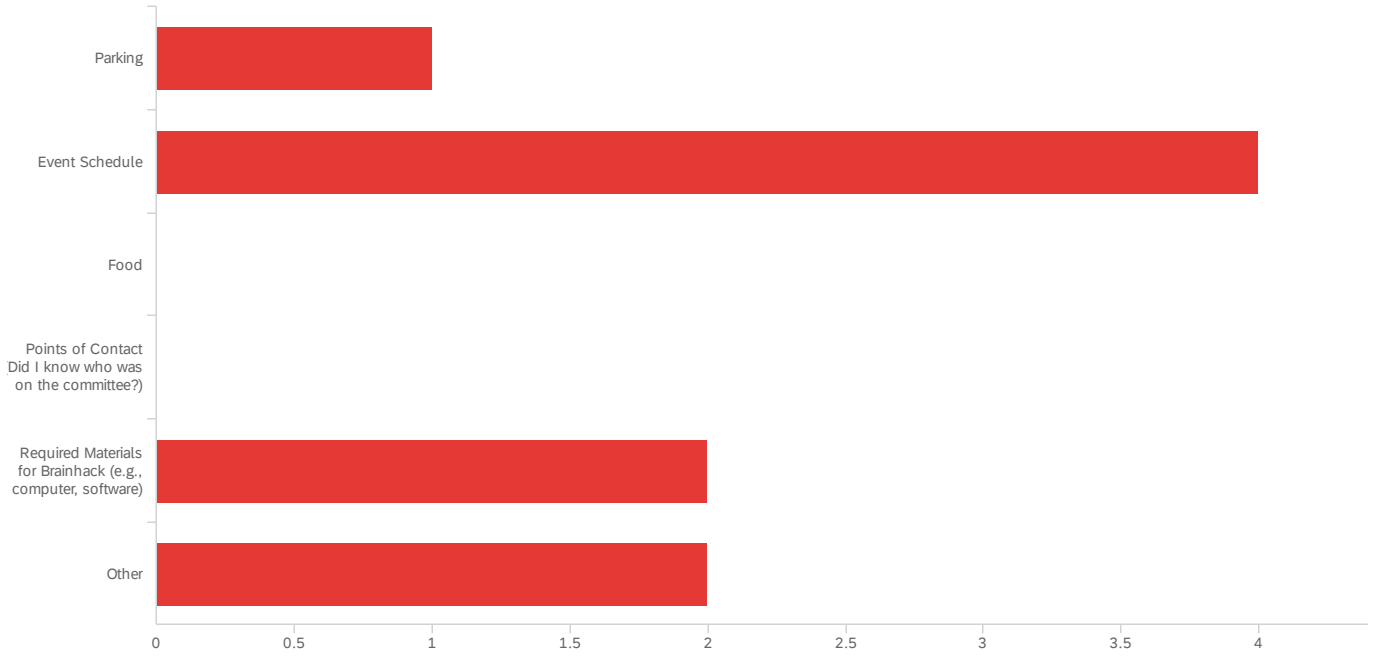
#	Field		Choice Count
1	Absolutely	71.43%	5
2	Sort Of	28.57%	2
3	Not Really	0.00%	0
4	Not At All	0.00%	0
			7

Showing rows 1 - 5 of 5

Q22 - What kinds of analysis techniques or software packages did you feel were most useful this year? (list packages in python, R, and/or whatever other technologies you used that you found helpful)

What kinds of analysis techniques or software packages did you feel were mo...
I'm not sure what packages we used in Python.
I used R and Rstudio primarily during this year's brainhack. Packages that I used included tidyr, dplyr, and ggplot2. We were also trying out igraph briefly.
The project I worked on could have used R but since I was more comfortable with python, I used that instead. Thankfully, James pointed us to the free online version of a Pandas textbook, Pandas was able to replicate the capabilities of R so that made solving the research problem easier.
software carpentry lessons on bash and R were very helpful (but I had a running start on their use)
Singularity/Docker
Packages-Python: Numpy, Pandas, Nibabel, Nipype, Keras General Sources: Google scholar, Oneleaf, Slack
I am currently using SAS but shifting to R

Q23 - Which of the following did you feel were not clearly communicated for hacky hour(s) and the brainhack event?



#	Field		Choice Count
1	Parking	11.11%	1
2	Event Schedule	44.44%	4
3	Food	0.00%	0
4	Points of Contact (Did I know who was on the committee?)	0.00%	0
5	Required Materials for Brainhack (e.g., computer, software)	22.22%	2
6	Other	22.22%	2
			9

Showing rows 1 - 7 of 7

Q23_6_TEXT - Other

Other
couldn't easily find submitted project pitches before hand
None

Q24 - What are your closing thoughts about the brainhack and/or suggestions for improvement?

What are your closing thoughts about the brainhack and/or suggestions for i...
I benefited from Brainhack 2019 by being exposure to disciplines different from mine and engaging in interdisciplinary collaborative efforts. I learned about how my skill set is useful outside of the context I usually apply it to. I wish I had taken more advantage of introduction to programming help that was offered throughout the 5 weeks leading up to the experience. Over the course of the two days, I had to choose between working on the team project and doing the introductory workshops and I chose the team project. Although it was a very positive experience, I wish I had knowledge of the project proposals before hand. It would have made it easier to be up to speed on the specific project I chose and to know what resources I needed before working on the project. Also, I think I would have preferred to do smaller chunks of time per day over more days as opposed to long hours over a short two day period. Again, overall I feel the experience was extremely valuable to me and I would certainly do it again.
I thought the format this year was good. I'd suggest that you find a way to notify people of the upcoming workshops during hacky hour. I say that because I was too entrenched in solving my problem that I missed the docker event.
great work, organizers!
Space was great. If project pitches can be more easily accessible before hand, these could help advertise the event. Great job!
Having a variety of projects presented would be helpful for people who may feel unsure of how their skills might contribute to the event in general. I feel that this was largely accomplished for the number of people who were in attendance, and should be scaled up if there were more people in the future.
I think a more regimented schedule can be implemented with INCREASED faculty (potentially) becoming more involved and seeing this as a collaborative exercise and opportunity to work on a technical problem in a large group. Possibility for faculty to navigate this process with trainees (lab team) so they might gain greater knowledge of how this process can play out.
You did an awesome job with communication leading up to the brainhack and with the five weeks of preparatory material. I feel that I really missed an opportunity by not having time to attend this year. I am really looking forward to next year and will make sure my students attend.
Thanks for putting together a useful resource! As a novice, I might have liked just a basic coding bootcamp with Lynda tutorials or something rather than trying to keep up with more advanced coders.

End of Report