



/ Ready to Cluster?

Unsupervised learning.



/ BW1 Feedback

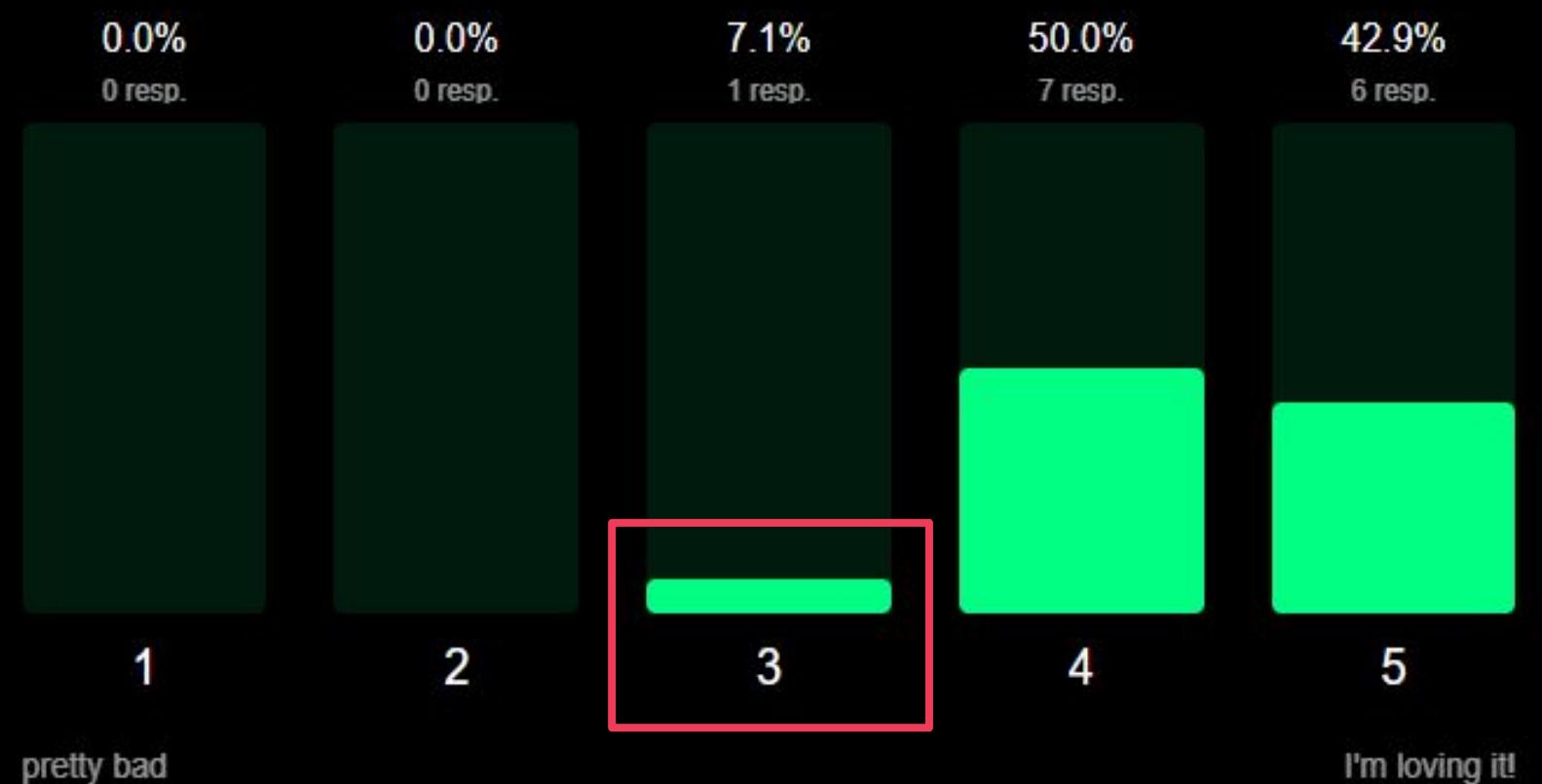


Feedback

How do you judge your overall Strive School experience so far?

14 out of 14 answered

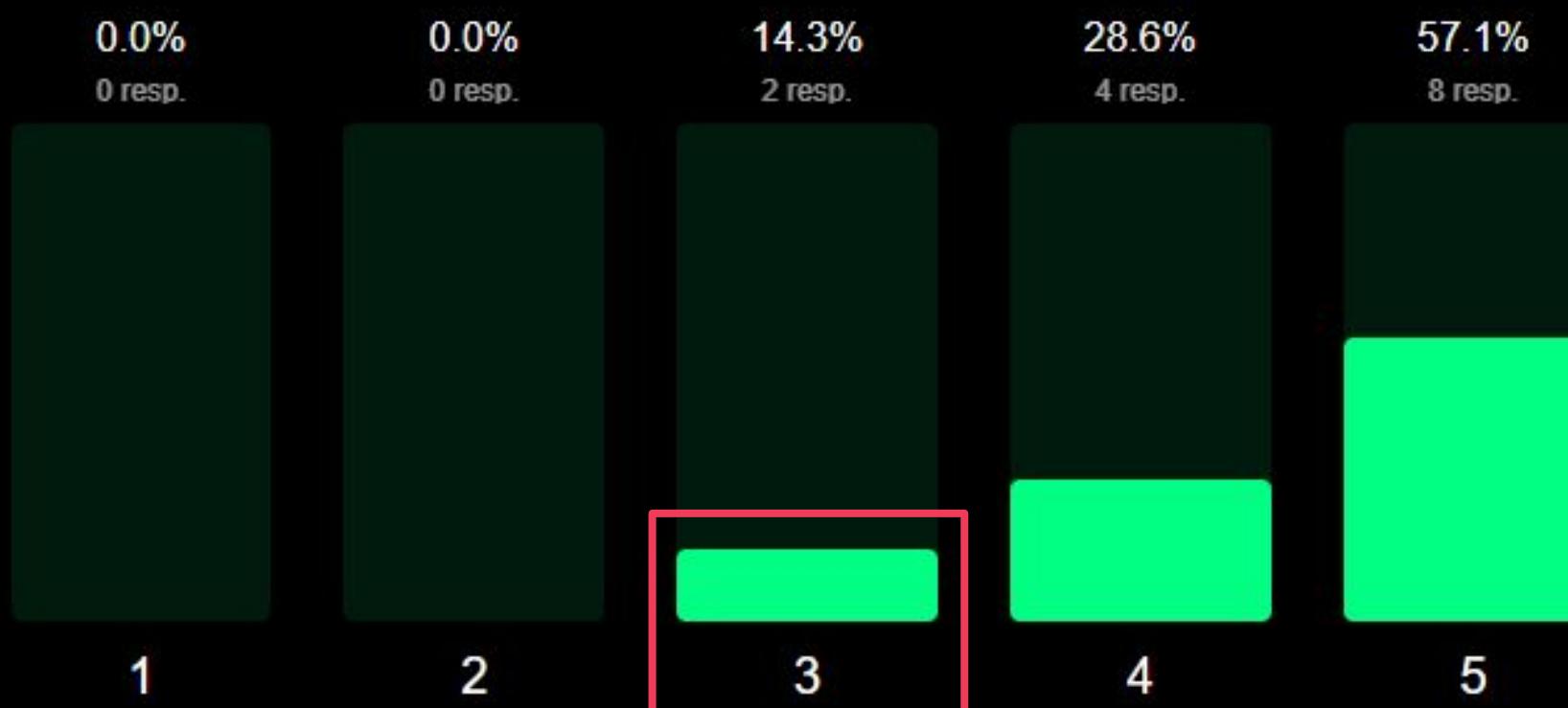
4.4 Average rating



About your tutors - how useful you think they have been?

14 out of 14 answered

★ 4.4 Average rating



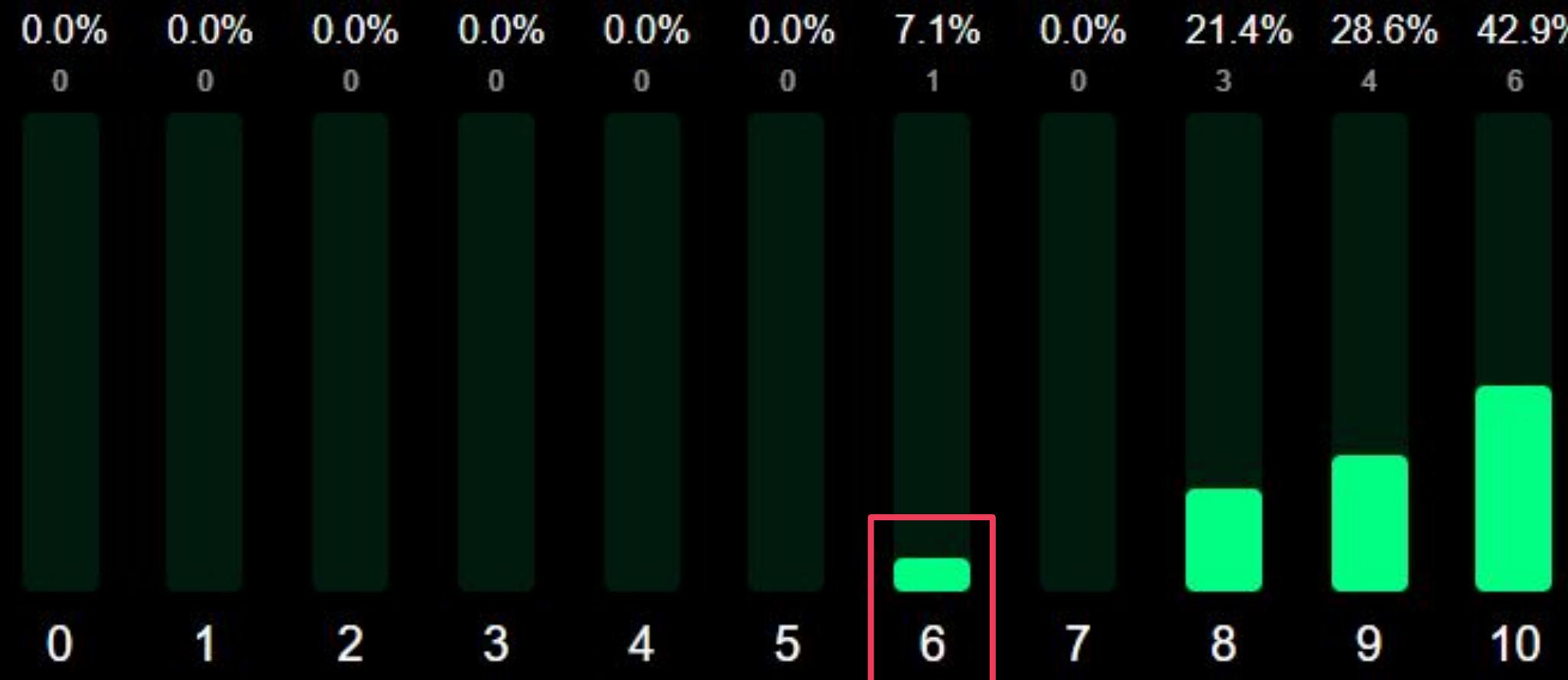


Feedback

How helpful and valuable do you think the overall experience of the Build Week has been to you?

14 out of 14 answered

9.0 Average rating



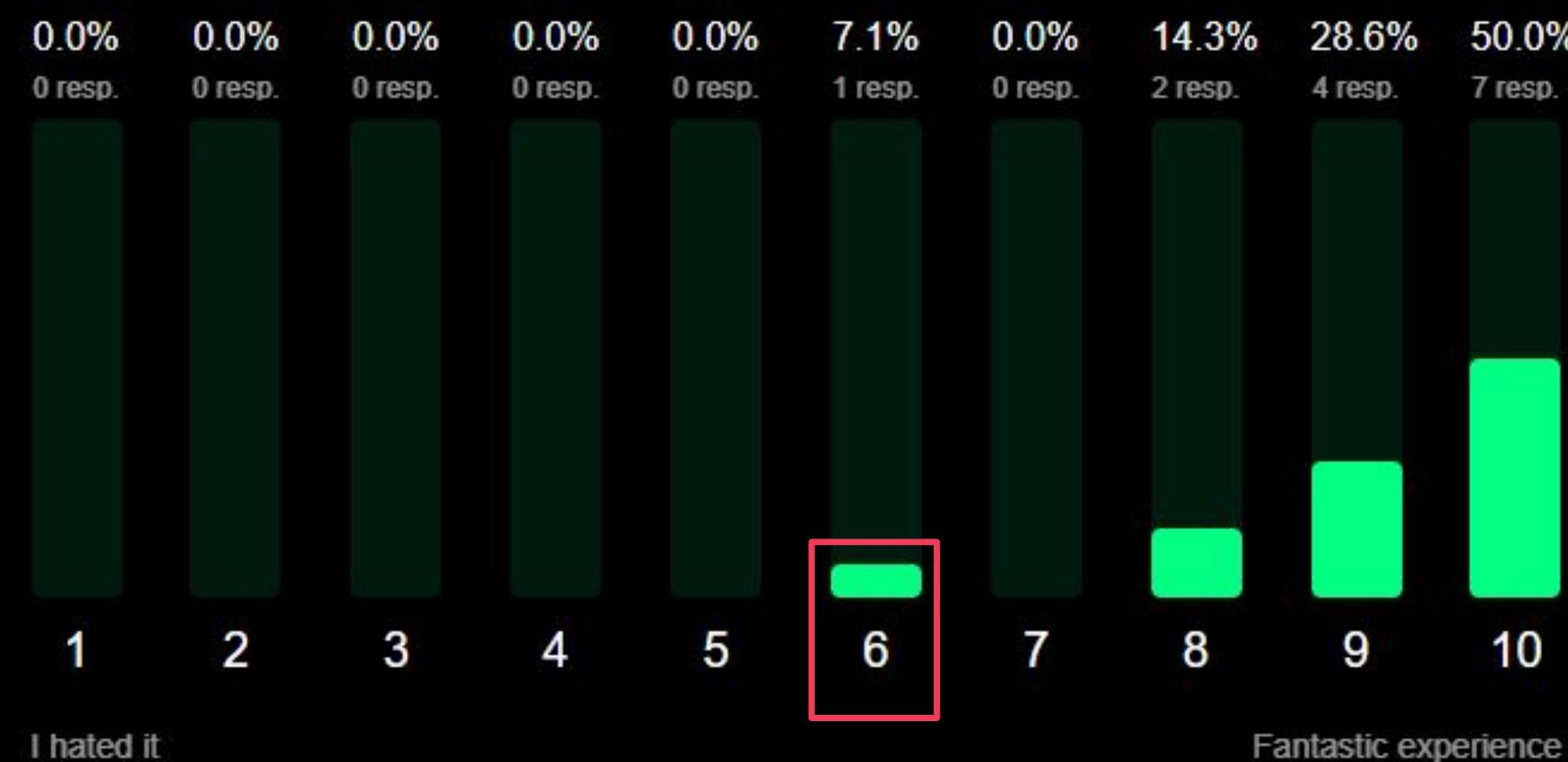


Feedback

How did you like working in a team?

14 out of 14 answered

9.1 Average rating



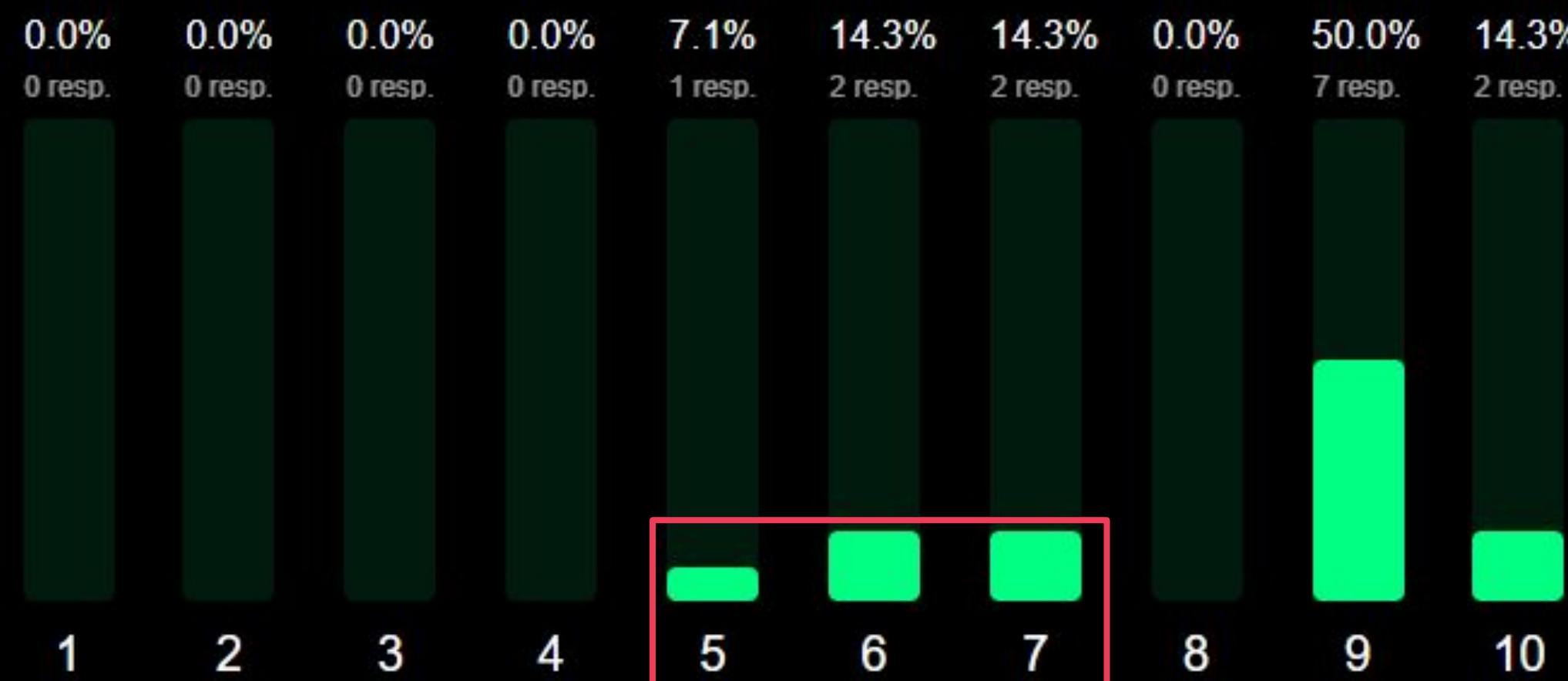


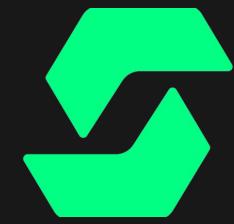
Feedback

Please rate extra: Assessment. How useful it was?

14 out of 14 answered

8.1 Average rating





What did you learn / improve

- / "I learned **matplotlib** better, so did I learn **streamlit** more and I have also improved on **optimizing my code**"
- / "**Teamwork, communication, improved python, pandas**"
- / "**my seaborn skills**"
- / "**Hardskill**: datacleaning and webscraping
Softskill: teamwork, communication"
- / "**github**, optimize the code, teamwork"
- / "Applying **skills to the real world** and the problems that entails."



Points of Friction

- / "... my morale was weakened but I don't think anybody is to be blamed for that and I think that this experience was valuable and it allowed me to think..."
- / "no actual friction, just would've loved to be a part of every task, to learn the most, which is of course not possible :)"
- / "project management // sometimes team communication"
- / "Command-line interface"
- / "Not having a structured team-workflow to follow, it's really difficult to work on different things and merge the work."
- / "less practice in statistics"
- / "Sometimes my contributions didn't matter"



Points of Friction ✗

- / "Splitting the work went well **github workflow** was more of a challenge"
- / "People **disregarding other people's work** and **doing it themselves** from scratch."



Things to be Improved ✓

- / "I like the **workbook**, it really help while going through the days exercise. I will personally like we have **achievable class work**"
- / "lecture on **project/team management** on friday before build week starts."
- / "I liked the fact that we put on use on real data the skills we learned. Sometimes I felt like the **kickoff** and the **debrief** could have been skipped to give more time to work"
- / "Just teach us, **how we can collaborate** on the same project but doing different task and merge them together, like **merge in a main 2 .py** file with functions on it from different persons"
- / "**More practise in class**, Anotonio incorporated that in his lecture and it helped greatly."

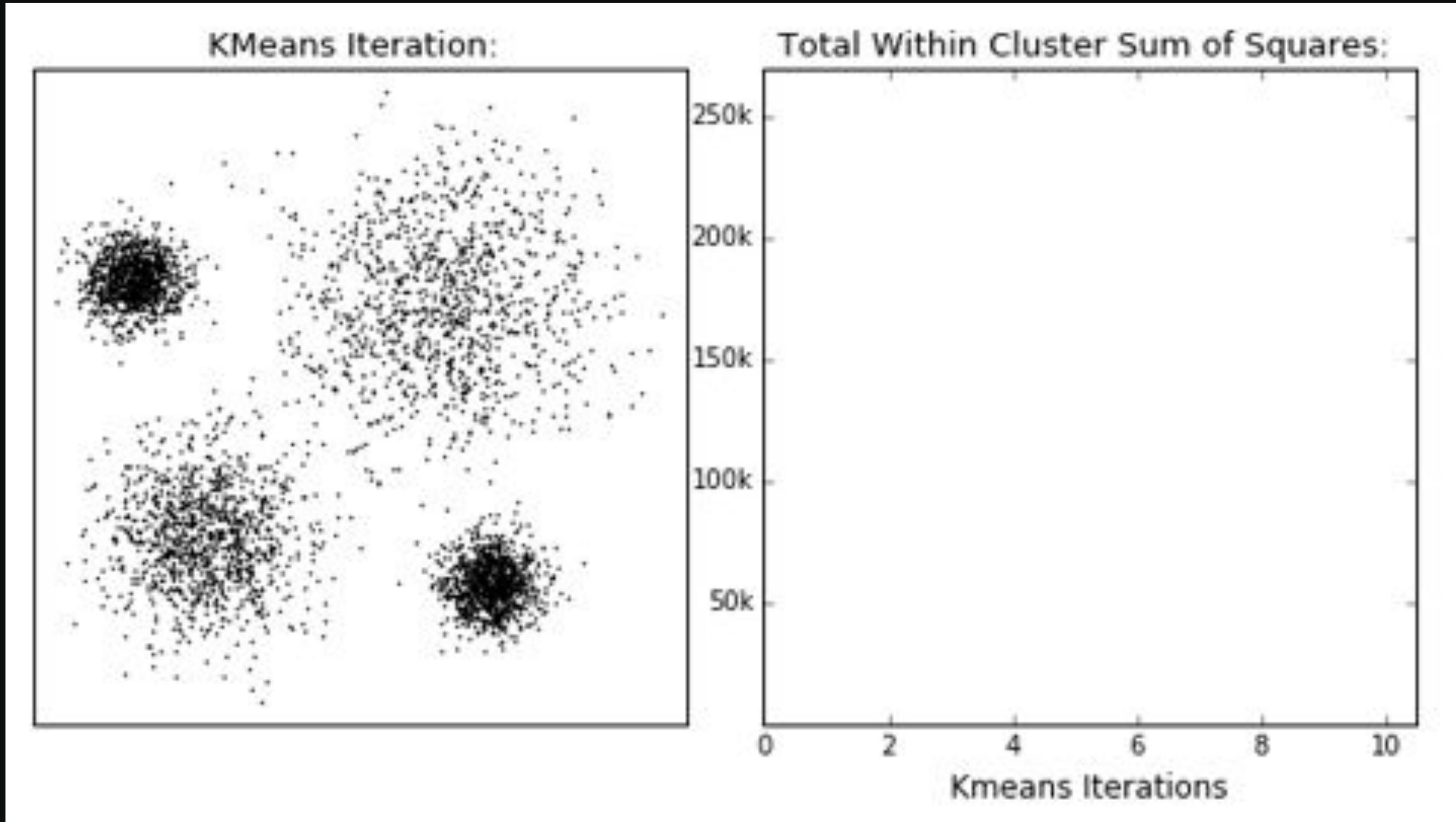
TeamTalk



- The code doesn't matter. The team integrity is more important.
- Be humble and don't disrespect others.
- The objective is not for you to do all the work. Think about what would happen in a real life situation. If you feel you know more, mentor others
- Sometimes you won't agree. Bring it up, discuss it and figure out a way in which it can be solved.
- Compromise, give and take. Above all, be generous first, ask later.



Your challenge today 🔥



Warning It is hard. Tips:

- Research, assess and discuss before.
- Organize // Split tasks. Let others deliver.
- Divide and conquer.
 - Either do separate parts or
 - Try parallel approaches
- K-means sometimes doesn't work
 - Re-initialize the seeds.
 - Find some other clever tactics



12pm lecture: Classes





/ Teams

Use the good side of the force.



Team Yoda



Ibrahim Animashaun, Agnese, Gyasi Sutton,
Tobias Schulz, Paramveer Singh



Team Obiwan



Pawas Awasthi, Saurabh Satasia,
Luca Pianta, Martin Vilar



Team Jyn Ersu



Pawas Awasthi, Saurabh Satasia,
Luca Pianta, Martin Vilar



Team Leia



Aderemi Fayoyiwa, Sai Mohan Reddy Dalli,
Nimeshsinh Desai, Oluseyi



Team Mandalorian



Kimberley Taylor, Lorenzo Demiri, Bence Kovacs



Team Greivous



Charles Degrift-Johnson, Joby Ingram-Dodd,
Michał Podlaszuk, Marcin Szleszynski

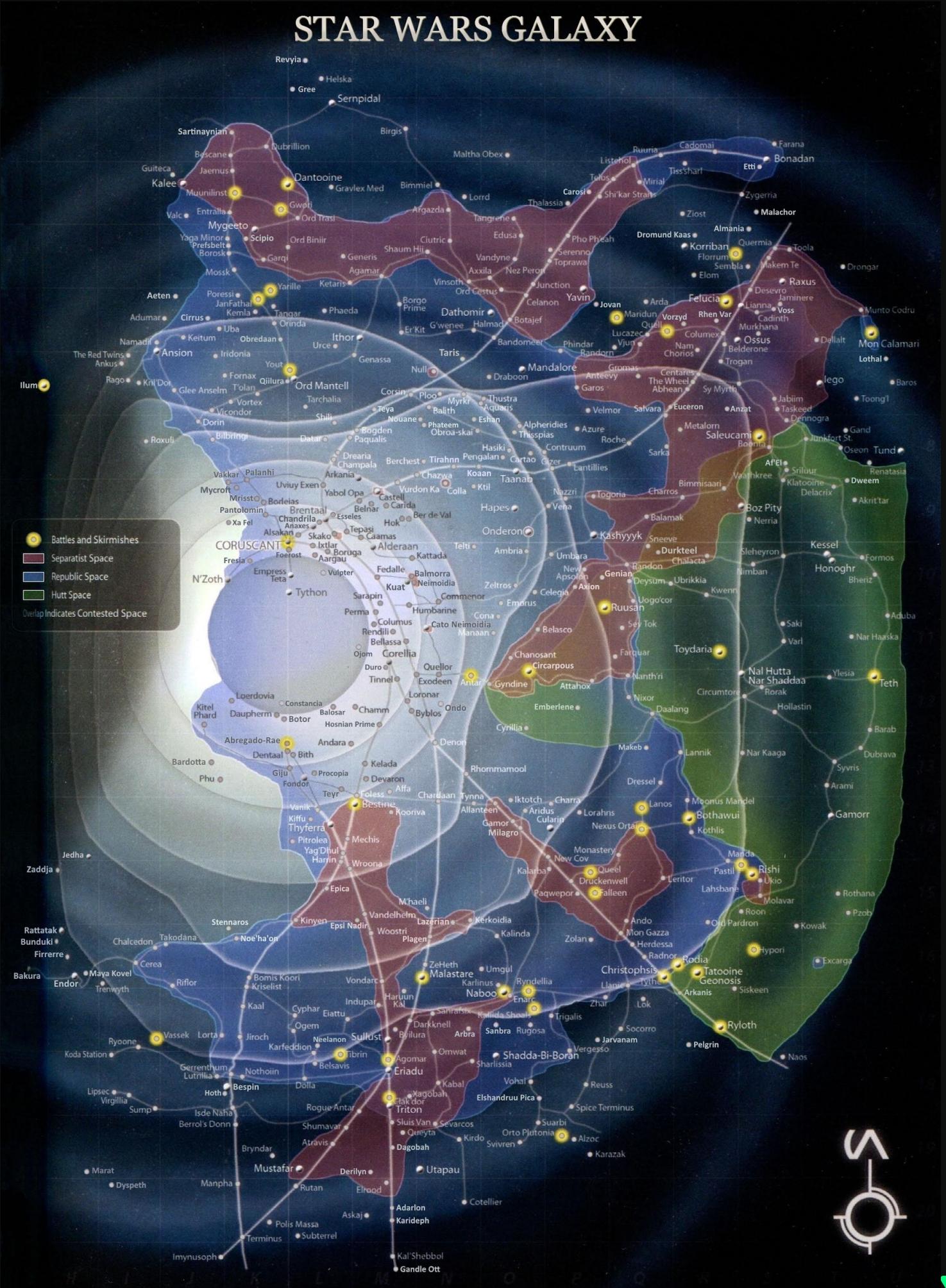


We must protect Baby Yoda



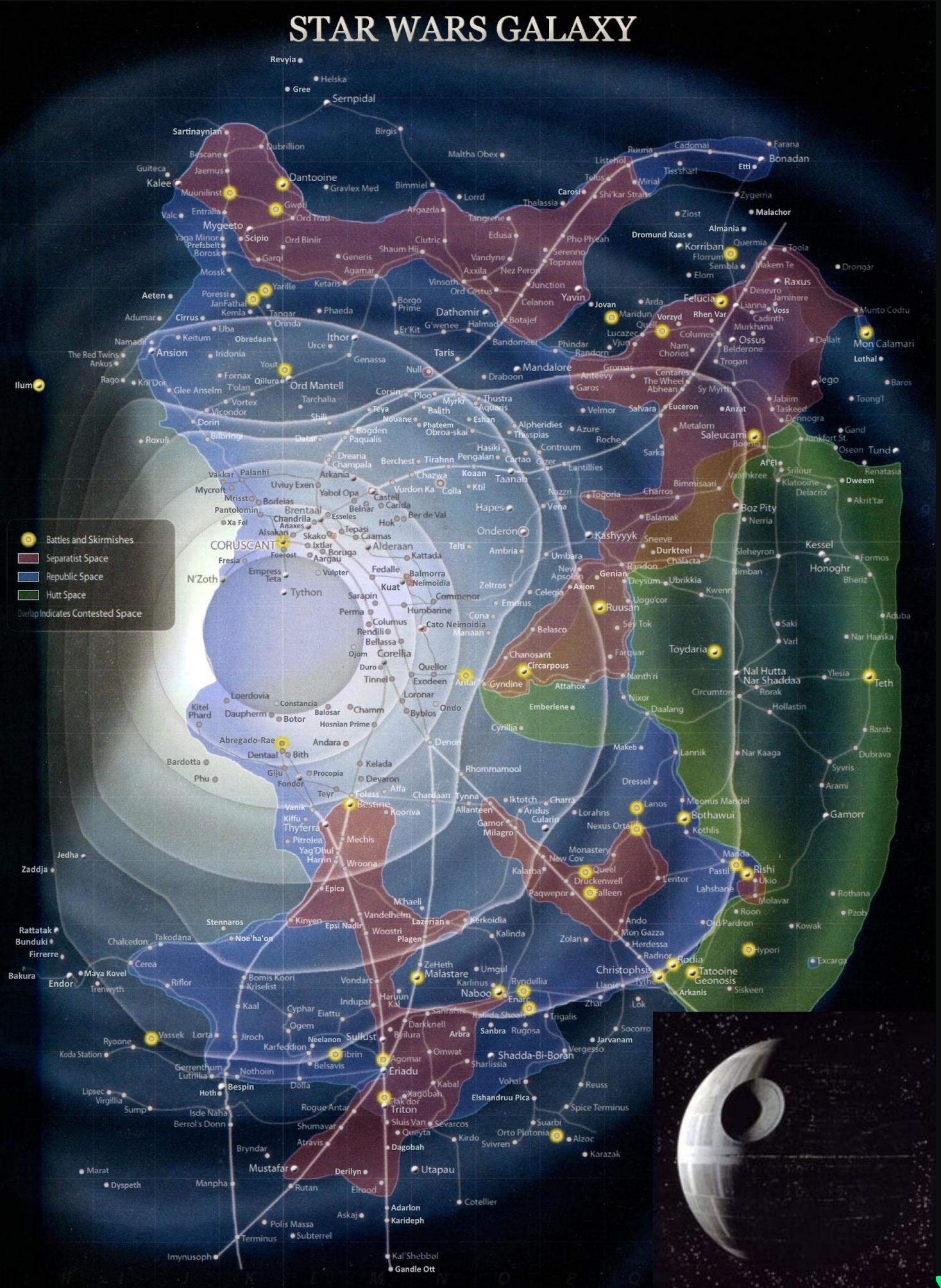
Challenges:

- Find the aprox location of baby yoda is in the galaxy
 - Use KMeans
 - 2D dataset
 - Using classes



Challenges:

- Find the exact trajectory of the death star transporing baby yoda is in the galaxy
 - Use KMeans++
 - 2D dataset



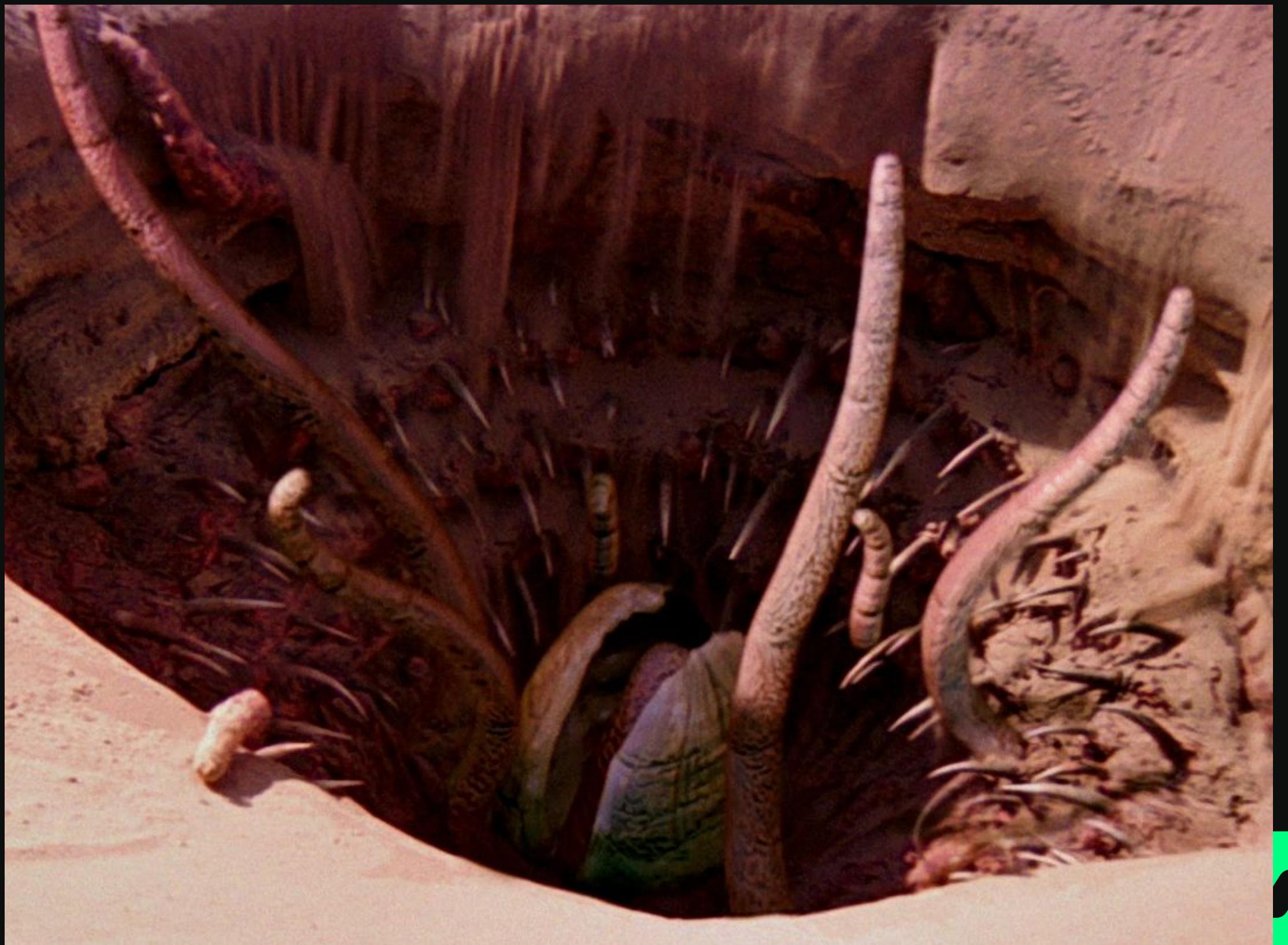
Challenges:

- Find where baby yoda is in Tatooine
 - Use KMeans
 - 5D Dataset
 - Using classes



Challenges:

- Rescue baby yoda from the Sarlacc cave
 - Use PCA + KMeans
 - 5D Dataset



Odds:

- Baby yoda can communicate with the good jedi's trying to find him. 2D dataset



1/2



Odds:

- Baby yoda is actively trying to avoid the Dark side of the force.



1/4



Challenges:

- You can accumulate odds. We won't know who has Baby Yoda until 5pm GMT+1
- Dice roll. We will sort which team has the “chances” of capturing first.
- To claim the odds, you must be the first to DM the empire with your code.



Challenges:

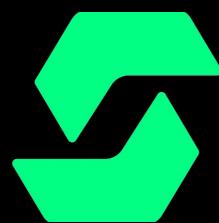
- To claim the odds, you must be the first to DM the empire with your code.



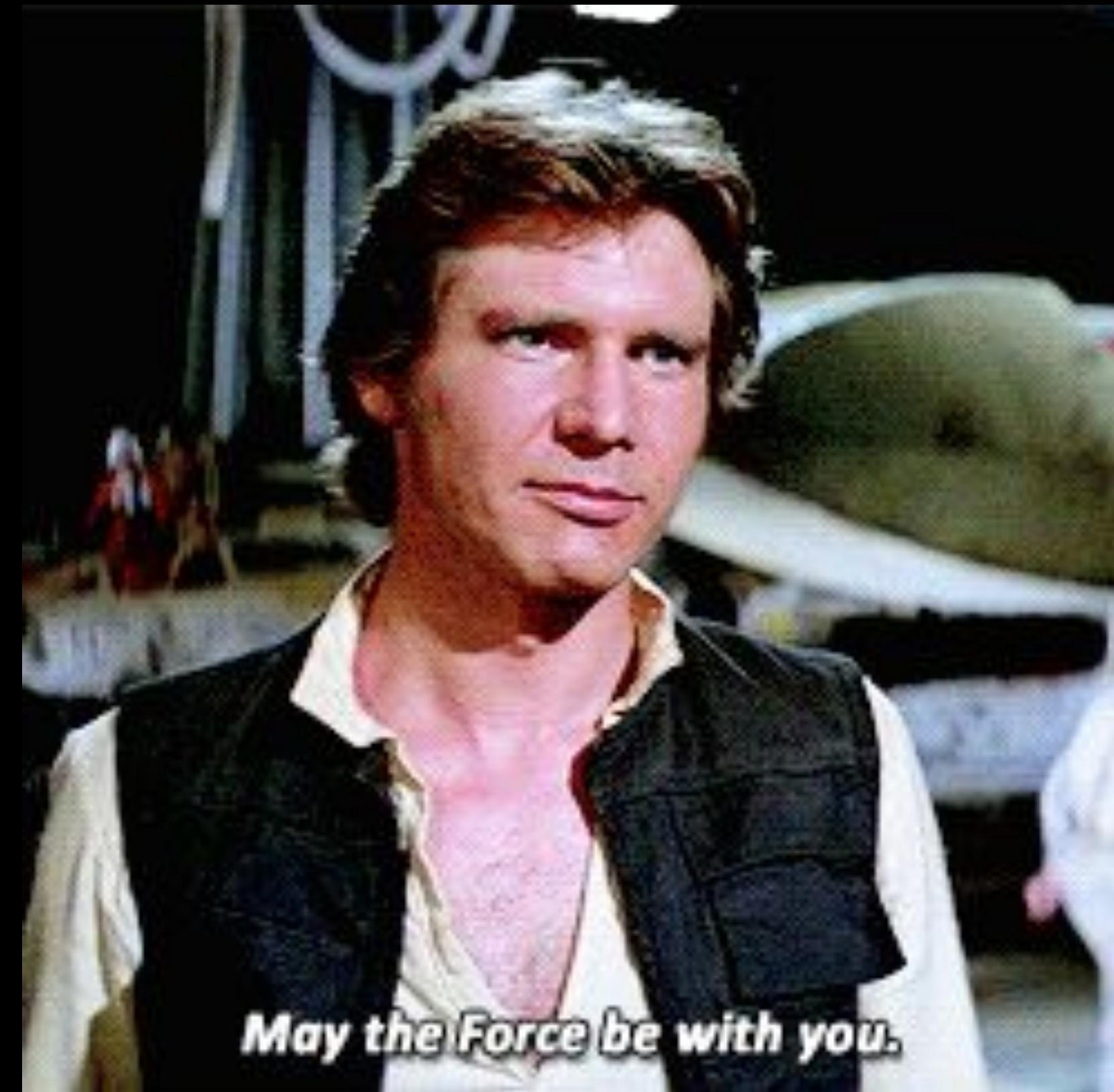


Q&A

What are your doubts?



Good luck!



May the Force be with you.

