

Spring 2023

SHELTER SUMMIT

+ FAST TRACKS

Fast Track – Live Meeting 2

4/18/23

Hidden Gems: How to Make Your Shelter Software Help You Work Smarter, Not Harder:

Data “Staring” and Data Cleaning


TRACK COACHES:

LEAD COACH: Becky Stuntebeck, DVM, Facility Design Veterinarian at the UC Davis Koret Shelter Medicine Program

CO-COACH: Cindi Delany, DVM, Maddie’s Million Pet Challenge Director of Online Learning at UC Davis Koret Shelter Medicine Program

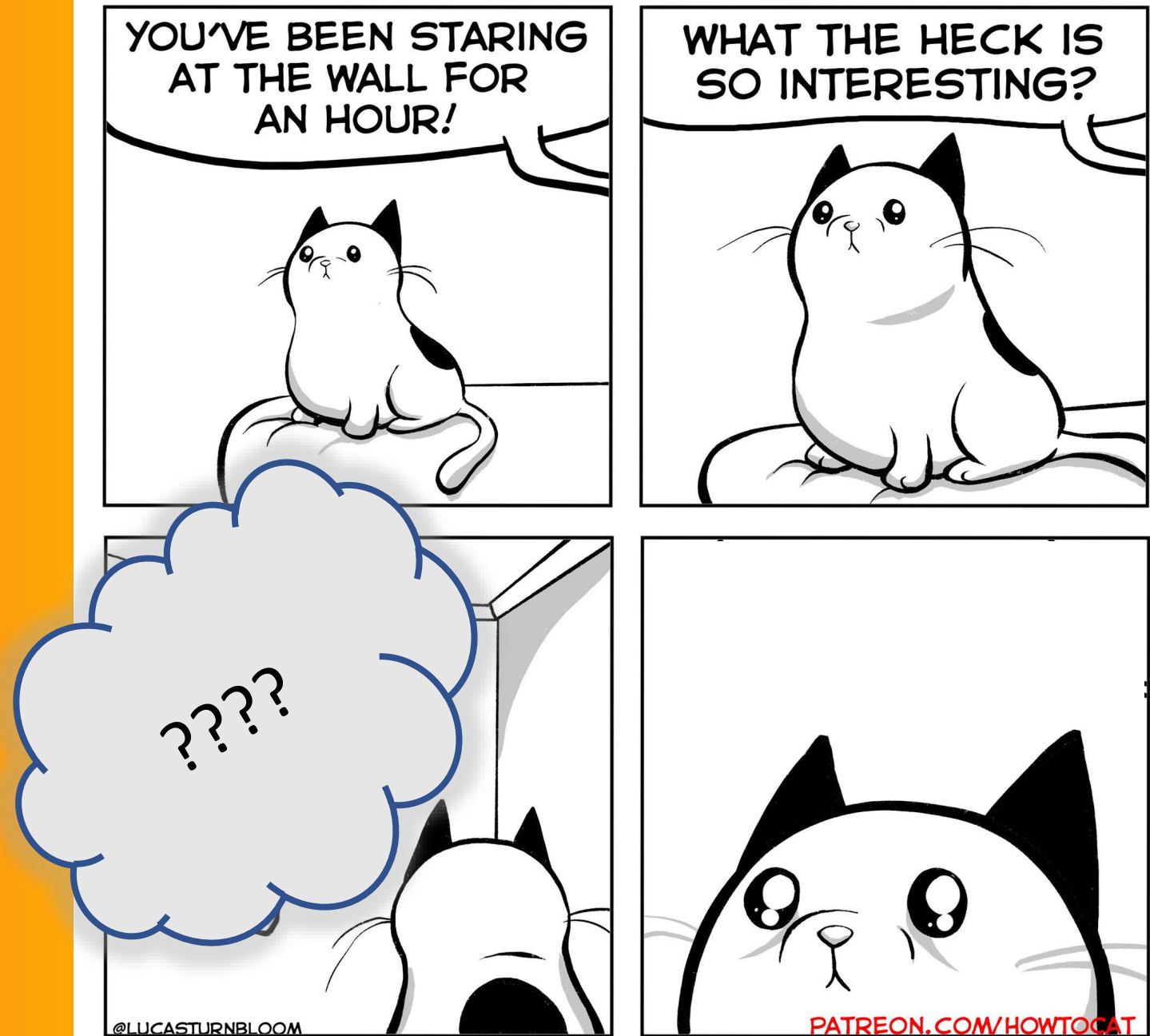


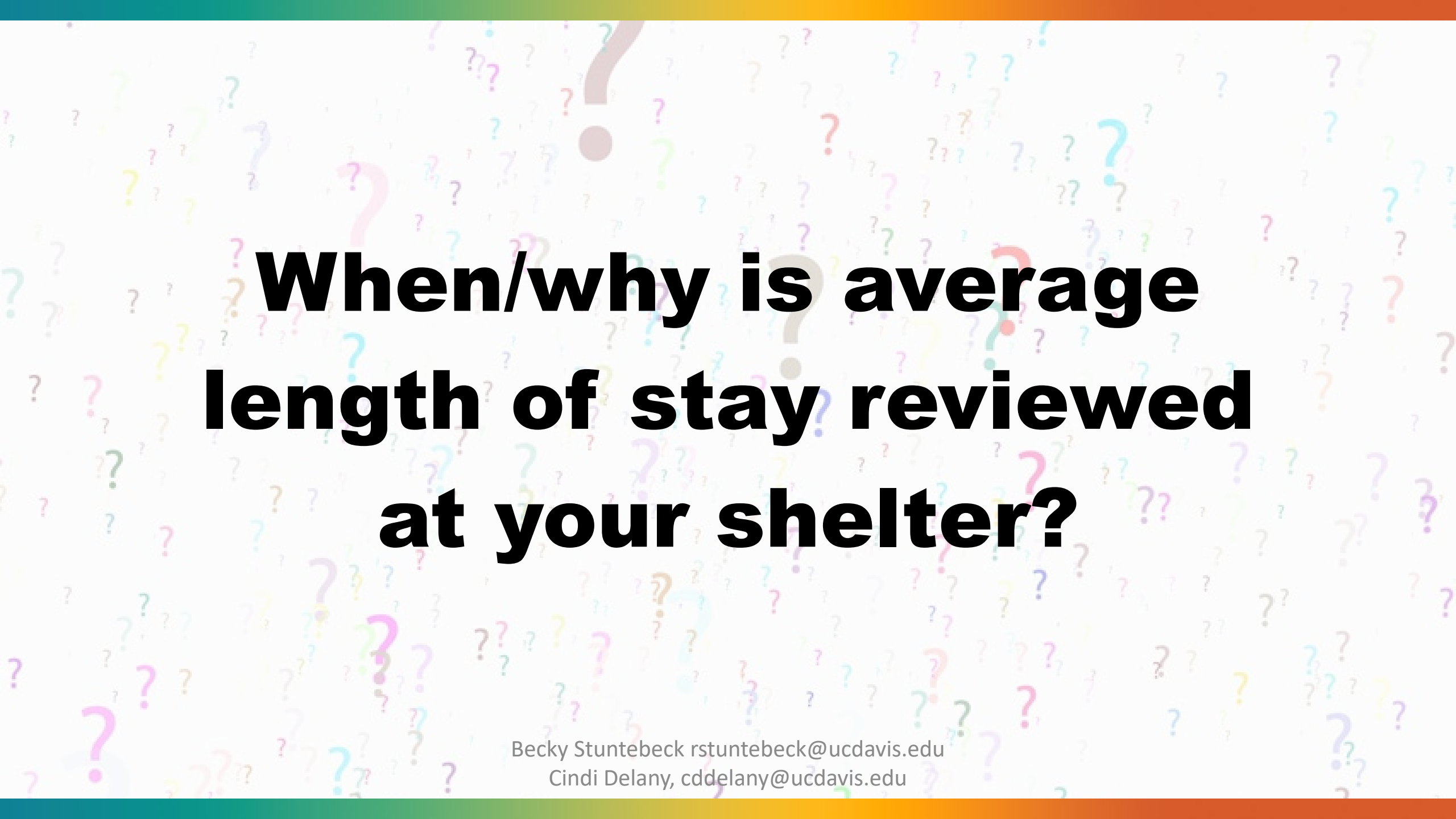
Welcome! Today's Agenda:

- Maddie's University Homebase for course – check the chat for link
 - https://university.maddiesfund.org/p/MMPC_Learniverse_Spring_2023_Shelter_Summit_Hidden_Gems_Shelter_Software#tab-product_tab_about_this_fast_track
 - Workbook - FastTrack logistics, resources, and many other details! (2 min) - check the chat for this link:
 - <https://docs.google.com/document/d/1wfxyi3COR8x6y4SYwagTvlJulDfAi2HetX316SbslY0/edit?usp=sharing>
 - Questions in the Q & A
 - Feedback! Click that link in the chat now!
 - <https://forms.gle/nx7DY49PVMkKpHS88>
 - Warm up questions (3 min)
 - Data processing activity (20 min)
 - Breakouts: Data staring (15 min)
 - Post-breakout discussion (5 min)
 - Wrap up
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Becky Stuntebeck rstuntebeck@ucdavis.edu
Cindi Delany, cddelany@ucdavis.edu

What the heck is so interesting?



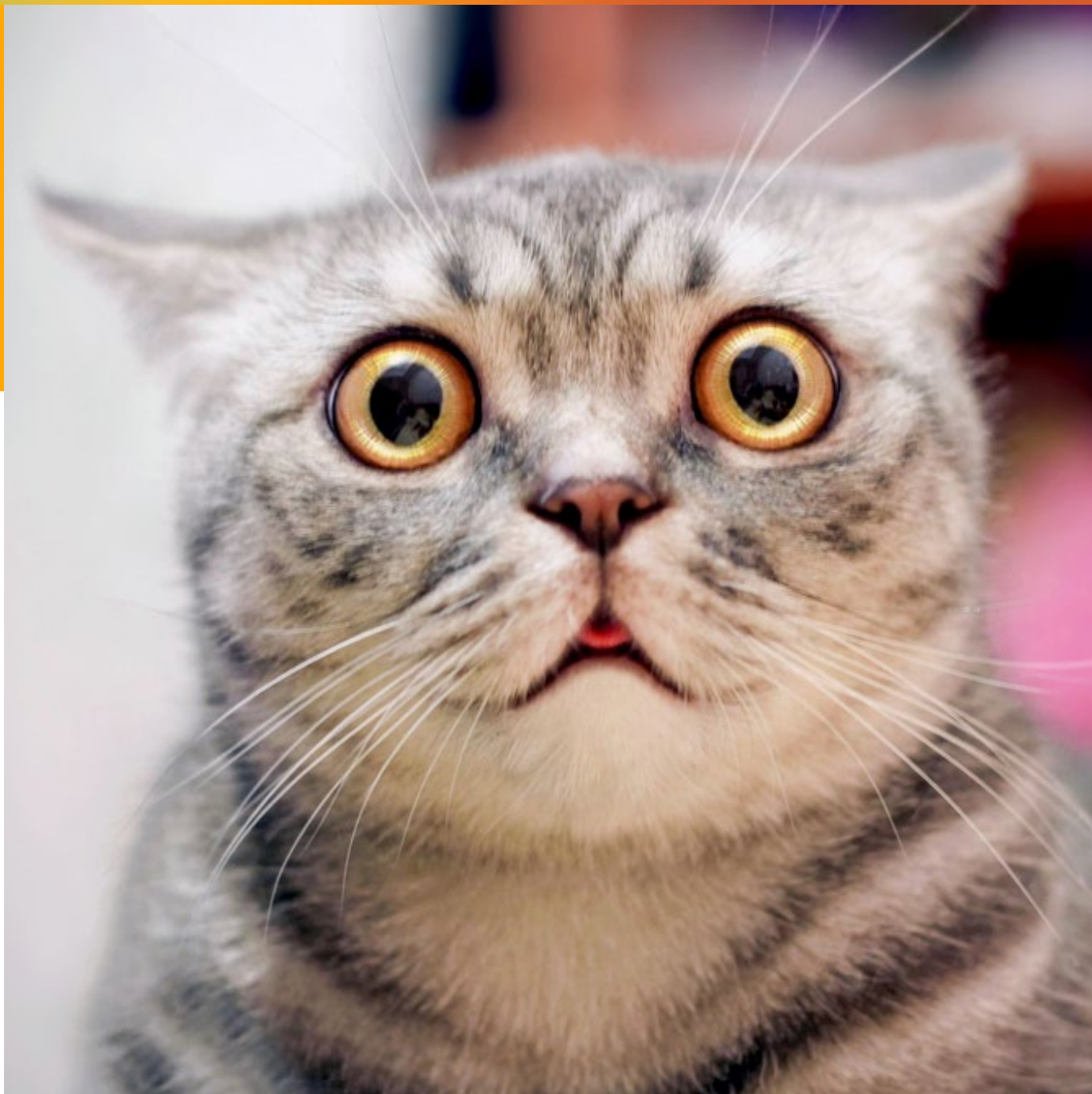


When/why is average length of stay reviewed at your shelter?

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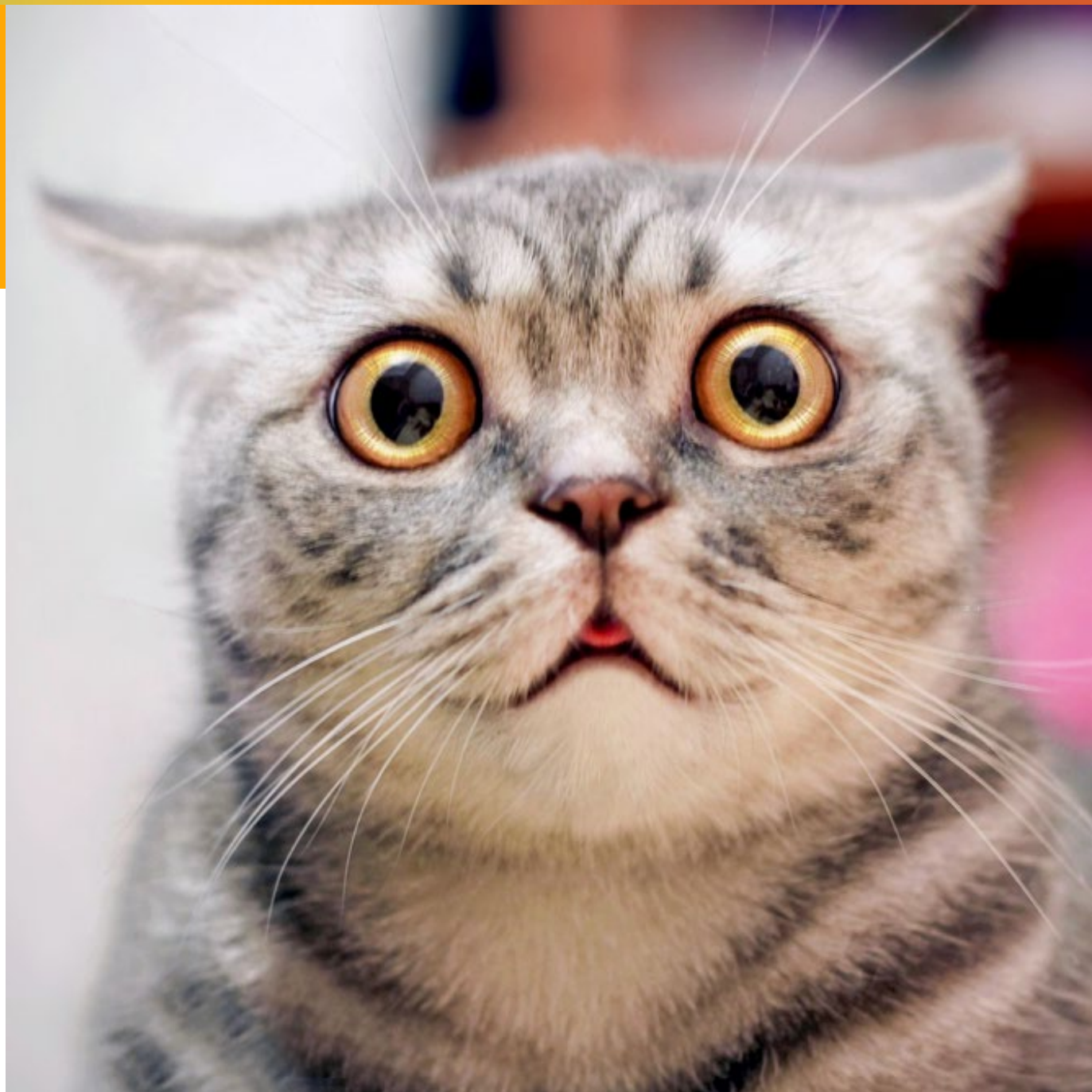
Data processing

*“80% of a data scientist's time and effort is spent in **collecting, cleaning and preparing** the data for analysis.”*



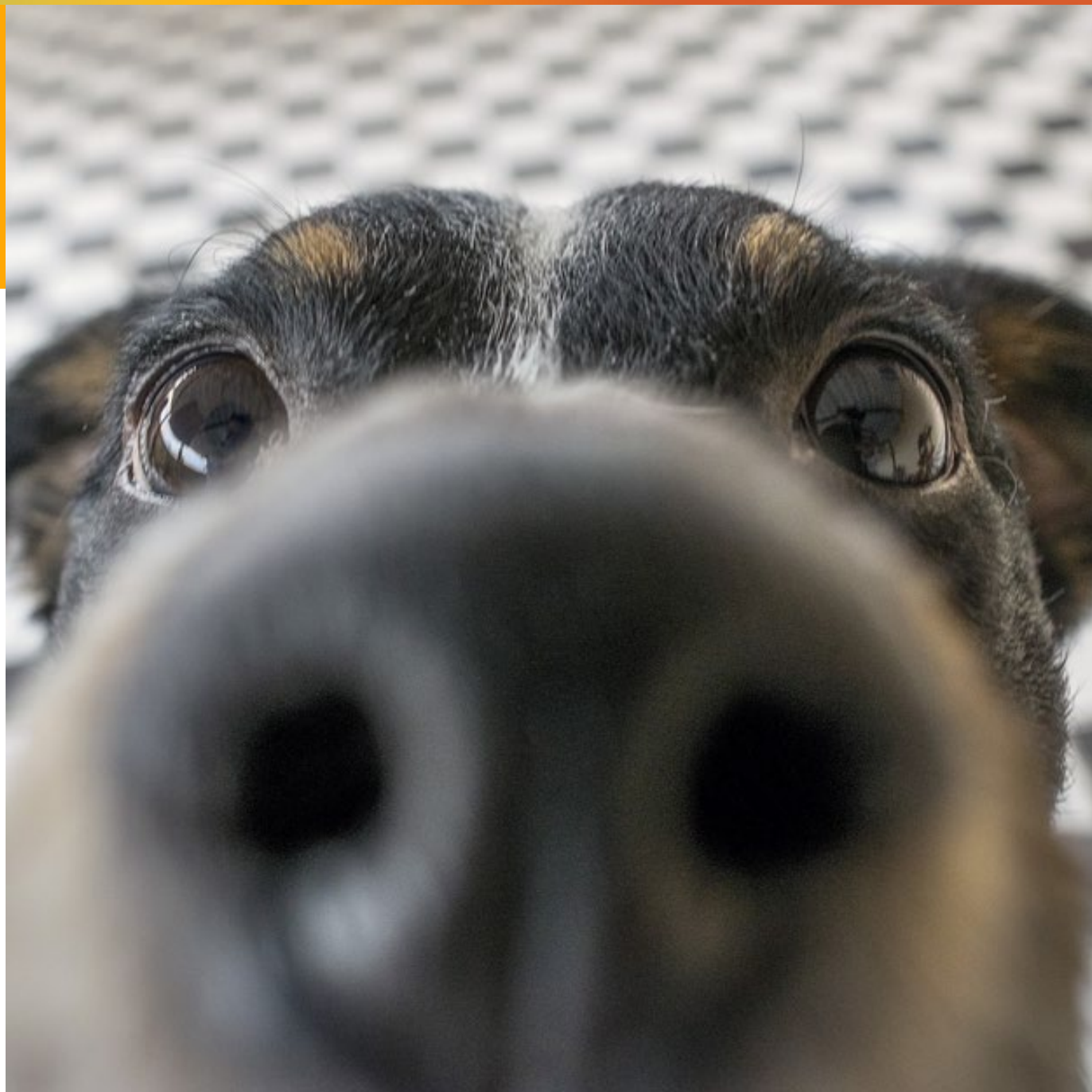
Practice: Data processing

1. **Access** the shelter dataset from link in chat.
2. **Save** to your spreadsheet program of choice.
3. **Review** the data on your own for 5 min.
4. **Identify** (+/- practice correcting) any aspects of the data that need “cleaning” or other processing. Look for
 - Problematic formatting (spreadsheet or data itself)
 - Duplicate records
 - Data that is hard to decipher
 - Inconsistent data types
 - Other questions or concerns?
5. **Return** to Zoom call to discuss as a group.



Breakout Rooms: Data staring

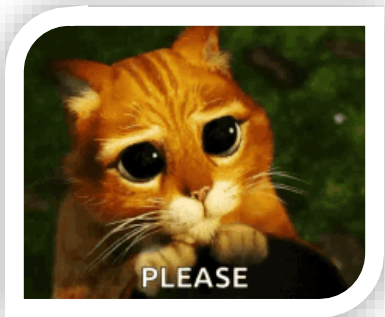
- **Review** the cleaned up data set as a group*
- What can you **learn** about this shelter from reviewing the dataset?
 - **Summarize** basic “biographic” info about this shelter
 - Not judging, minimize speculation; **observing**!
 - Other “**dirty**” **data discoveries** or questions?
 - **Hint**: row counts, sorting, and filtering are your friends
- If your group is stuck “**Ask for Help**” or send someone back to main room with questions.



Wrap up

- **Dig in!** Practice questions and resources in workbook

- Sample data
- Your data!



- **Short post-session survey –**
<https://forms.gle/nx7DY49PVMkKpHS88>

- **Upcoming** Zoom meetings:

- **All Welcome Office Hours #2 – 4/25/23**
 - 1 PM Pacific/MST
 - 2 PM MDT, 3 PM CDT, 4 PM EDT
- **Live Meeting #3 – 5/2/23**
 - 9 AM Pacific/MST
 - 10 AM MDT, 11 AM CDT, 12 PM EDT

