1. What is your dataset and why:
2. Kaggle datasets: our dataset is based on mental health conditions and Measure of Disability and Adjusted Life Years.
3. Why do you want to explore this as a group (aka we all like Starbucks): In actuality mental health is relevant in today’s model society.
4. LINK TO DATA: <https://www.kaggle.com/datasets/imtkaggleteam/mental-health/data>
5. Three research guiding questions:
6. High level, not set in stone:
   * Which disorders have a positive correlation based upon years passed?
   * Hypothesis: in 2020, the DALY for most mental health disorders increased due to covid restrictions.
   * Which disorders had the highest prevalence 10 years ago compared with now, and why are the changes trending the ways that they are?
7. Each should be able to be answered in 1-2 visualizations and/or leaderboards:

* All three will present the information on leaderboards.
* With the creation of leaderboards, a visualization (bar chart) will be presented to see the correlation.

1. Inspiration - other code/articles similar to your dataset:
   1. Recommend code tab on Kaggle datasets:

* [7 Clustering Algorithm | Mental Health (kaggle.com)](https://www.kaggle.com/code/imtkaggleteam/7-clustering-algorithm-mental-health)
* [Mental Health (EDA + Prediction) (kaggle.com)](https://www.kaggle.com/code/imtkaggleteam/mental-health-eda-prediction)

1. Example visualization? you need at least 5 - typically 1-2 per research question:
2. A bar chart will present the regression of years and the rate for each mental health disorder.
3. What are you regressing?
   1. ONE simple linear regression (or statistical test) is required
   2. You can do more
   3. You can do a multi-linear regression
   4. follow your heart
   5. Statistical test mini-lecture is Thursday
4. Color palette
   1. Don't use default colors
   2. Recommend [coolors.co](http://coolors.co/)
5. roles & responsibilities
   1. i.e all do data cleaning, who does which research question, regressions, lead on slides, etc
6. PDF, professional complete sentences, screenshots as needed
   1. LINK to GITHUB