**PROJECT 1-GROUP 10**

1. What is your dataset, and why:
2. Kaggle datasets: Our dataset is based on Music & Mental Health
3. Mental health is a prevalent issue in today’s modern society, and through the results from this survey, we will be able to analyze many variables and correlations between genres, BPM, and music effects on mental disorders.

LINK TO DATA: <https://www.kaggle.com/code/catherinerasgaitis/music-mental-health-eda/input>

1. Three research guiding questions:
2. High level, not set in stone:
   * Which genres are most beneficial or detrimental to the different MH disorders included in this study?

* Leaderboard
* Bar chart
  + Are there significant differences in mental health rankings based on age groups or gender for those who frequently listen to specific genres?
* Bar charts
* Scatter plots
  + Does the frequency of listening to different genres correlate with different MH disorders? (use for regression)
* Heatmap of BPM vs disorder quantity.
* Bar charts

1. Inspiration - other code/articles similar to your dataset:

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. What are you regressing?
   1. The correlation between the frequency of listening to different genres and different MH disorder ranks.
2. Color palette.



1. Roles & responsibilities
   1. All do data cleaning, who does which research question, regressions, lead on slides, etc
      1. Research questions: Q1 Gabriela, Q2 Elizabeth, Q3 Sarah, Regression Tony
      2. Slides: everyone make their own, Sarah proofread and compile into presentation
      3. Other tasks tbd
   2. Github link: https://github.com/TheWizler/project1\_group\_10