

Project 1 – Team 2

Project Proposal

- **Topic:** Weed Strains
 - <https://www.kaggle.com/datasets/kingburrito666/cannabis-strains>
- **Research Questions**
 - Do hybrid types have more happy effects compared to non-hybrid types?
 - Does sweet profile cannabis have a higher rating?
 - Does indica type cannabis make you feel energetic?
 - Does earthy flavor cannabis make you feel relaxed?
- What is your data? Why did you choose this data set?
 - Cannabis Strains, their flavor, effects, and ratings
 - We chose this data set because cannabis is a popular product that is widely used and we believe it is interesting to find trends and correlations between different types.
- Inspiration - what other public analysis has been done on this data set?
 - As more states legalize cannabis, more studies and research have been performed, such as effects, medical uses, potency, etc.
- What is something you might be able to predict with a regression?
 - Number of effects vs ratings
 - Number of flavors vs ratings
- What will be your color palette?
 - `plot_color_gradients('Qualitative',`
 - `['Pastel1']`
- What are some potential visualizations you will make?
 - Two regression analysis (scatter plots)
 - Donut Chart (Different Flavors)
 - Four Bar charts (for our Hypothesis questions)
 - Violin (special 😊)
- Roles and Responsibilities.
 - We will all do final reviews of code, presentation and report
 - Overall Kimberly, Lattiana, and Misha will focus more on programming, Shanara on the presentation and writing, and Tacha on the breakdown on the data