Import data as csv file. File needs to include count of effect and flavors

Do hybrid types have more happy effects compared to non-hybrid types?

1. *Option 1: Create data frame from first 5 columns, then call columns needed to compare type with effect*
2. *Option 2: Group data by type and effect*
3. *Visual display of how many happy effects associated to each type*
4. *Perform correlation of type to effect*
5. *Describe te*

Does sweet flavor cannabis have a higher rating? (All types in the data frame)

Consider the mean, min, max, (flavor and rating) for better statistical data

1. *Option 1: Create data frame from first 5 columns, then call columns needed to compare rating to flavor*
2. *Option 2: Group data by rating and flavor*
3. *Visual display of flavor and its rating (Bar Graph, Donut)*
4. *Show correlation of flavor vs rating*
5. *Describe the process we used to select the flavors to compare, Filtered the flavors down to Counts of >=300, Berry =( 354,4.36) Citrus =508(4.3), Earth = 981(4.6), Diesel = 222, (4.31) Flowery = 246(4.5), Sweet = 660, 4.5) Then we analyzed the mean values of each of the 6 flavors*

Does indica type cannabis make you feel energetic?

1. *Option 1: Create data frame from first 5 columns, then call columns needed to compare indica type and energetic effect*
2. *Option 2: Group data by indica type and energetic effect*
3. *Visual display of indica type and energetic effect*
4. *Show correlation of indica type and energetic effect*

Does earthy flavor cannabis make you feel relaxed?

1. *Option 1: Create data frame from first 5 columns, then call columns needed to compare rating to flavor*
2. *Option 2: Group data by rating and flavor*
3. *Visual display of flavor and its rating*
4. *Show correlation of flavor vs rating*

Which type has the most effects?

Get average, mean, median, std deviation, and variance of ratings

Thanks Latti! Just getting home from the hospital, and saw this notification and wanted to report back to you before our meeting.

Kimberly, Tacha, and I stayed on the group chat meeting until 8:15 or 8:30pm, and we did quite a bit of rework and data analysis that we’ll need to use to gather the statistical data needed for our presentation.

I like the agenda you shared and think it’s a good idea to follow one tomorrow, but we’ll need to update it to merge the findings and work we did with what you’ve prepared.

Below is a description of the Order of Content Presentation for our Slide Deck. Following, I’ve updated the agenda you shared to include the information Kimberly, Tacha, and I worked.

* **Slide 1** = Introduce our topic (that's the first slide I shared with the group in slack), We will need to come up with an official title, but based on the work we did tonight it may be best to pause on this until we complete the final 2 hypothesis since the data Prof pulled for us was incomplete.
* **Slides 2 – 13ish**  7 riveting and surprising facts about MJ mixed with the visuals. I shared the first of 7 facts on the canvas slide I posted in Slack as an example.
* Tacha stated on Tuesday during our group meet that she would reach out to her source for those images, and she shared those on Wednesday, so we have them ready to go. I’m working on editing those to match our presentation style and color scheme.
  + Slides 1 – 13 will run on a loop while Rick James MJ song plays in the background. This will be about 20-30 seconds total.
* **Slide 14** –Agenda listing the order of our presentation topics in bullet points
* **Slide 15 – 20** Define each type of cannabis. State the thesis statement of our project and a brief description of the data set we used. Show map of US where cannabis is medically legal, recreationally legal, and not legal. (Later we can talk about what factors are at play when states decide which 1 of the 3 stances they voted on)
* **Slide 21 –27sih**- Group member 1 introduces themselves and presents information from the first hypothesis question in the Pseudo Code document “Do hybrid types have more happy effects compared to non-hybrid types?
* **Slide 27 – 32** - Group member # 2 introduces themselves and presents information from the second hypothesis question in the Pseudo Code document “Does sweet flavor cannabis have a higher rating?
  + We ran into a roadblock here, so we are going to need to change this hypothesis to “Which flavor has the mean, min, max values? Which effects has the mean, min, max value…for get better statistical data”
* **Slides 32 -38** -Group member 3 introduces themselves and presents Hypothesis 3
* **Slides 38-42** - Group member #4 introduces themselves and presents Hypothesis 4
  + NOTE- Hypotheses 3 and 4 will need to be changed because they both ask the same question as Hypothesis 1 and 2. We’ll work on this together.
* **Slides 43-47**: Conclusion wrap-ups to include a restatement of our thesis, (Talk about what factors are at play when states decide which 1 of the 3 stances they voted on and the implications that has on consumer consumption, availability, and attitudes/beliefs held by the pop major of the 3 decsions)
* Then circle back to our introductory question – “Do You Love Me, Mary Jane?” Provide the audience members with a practical yet humorous response to this question. Present our Resources Page, End with Thank you and questions.
* Finally, we need to add “e” to the Pseudo Code document which states that “each hypothesis is answered with ample descriptions and precise explanations and findings.” (I think the background info you provided will fit nicely here to meet that criterion in the project rubric)
* I’ve added an x next to items we need to include as part of the meeting agenda for tomorrow

PJ1T2 Meeting Agenda

|  |
| --- |
|  |
| Location link: <https://app.slack.com/huddle/T05NB4KAE8G/C064RAYDWKC> |
|  |
| * Everyone pull in gitkraken. |
| * Go over background info. * We'll need to look at our hypotheses to see how/where the background info will fit into the presentation (it may fit elsewhere, but it seems to fit well to support our visualizations with precise explanations, ***or*** as part of our analysis and conclusion write up that summarizes our finding at a professional level)   “Marijuana may get a bad rep in the media as far as the decriminalization debate goes, but its health benefits can no longer go unnoticed. With various studies linking long-term marijuana use to positive, health-related effects, there are more than just a few reasons to smoke some weed every day.  A [study](http://www.sciencedaily.com/releases/2013/09/130923143638.htm) done by the Boston Medical Center and the Boston University of Medicine, examined 589 drug users—more than 8 out of 10 of whom were pot smokers. It determined that “weed aficionados” were no more likely to visit the doctor than non-drug users. If an increased risk of contracting ailments is what’s preventing you from smoking more weed, it looks like you’re in the clear!  One of the greatest medicinal benefits of marijuana is its pain relieving qualities, which make it especially effective for treating chronic pain. From menstruation cramps to nerve pain, as little as [three puffs of bud a day](http://www.webmd.com/pain-management/news/20100830/marijuana-relieves-chronic-pain-research-show) can help provide the same relief as synthetic painkillers. Marijuana relieves pain by “changing the way the nerves function,” says Mark Ware, MD and assistant professor of anesthesia and family medicine at McGill University.  [Studies](http://rheumatology.oxfordjournals.org/content/early/2014/01/16/rheumatology.ket447.long) have found that patients suffering from arthritis could benefit from marijuana use. This is because naturally occurring chemicals in cannabis work to activate pathways in the body that help fight off joint inflammation.” Source: https://www.kaggle.com/datasets/kingburrito666/cannabis-strains |
| * Think about what story our visualizations will tell.   (Suggestion: Let’s pretend we are working with a Cannabis Company: our assignment this week is predicting the company’s top 5 Cannabis Strains, per type, this month. What would we recommend based on the data we have?)   * (Suggestion 2: The aim of our project is to uncover patterns and trends from a study related to cannabis that provides comparative insights into the relationships that co-occur given various factors like type, flavors, mood, effects, and user-ratings.) Include the map of the US showing where cannabis is recreationally legal, medically legal only, and not legal at all currently. Discuss implications and current and future attitudes that influence these decisions at the state and consumer consumption/general sentiment |
| * Clarify research questions and clean up hypothesis. * Possible Hypothesis and research questions to replace #3 and #4 (Do hybrid types tend to have a wider range of mood effects compared to indica or sativia types? (Use data to analyze connotative diversity moods reported by users, compared to indica and sativa types. Sort by connotation of mood (positive, negative, neutral) as viewed by majority vs. individually subject. (ex: uplifting = positive, anger = negative, content = neutral) * Is there a significant difference in the effects experienced by consumers when they rate the same cannabis type differently? (Use data to get the ratings of the cannabis type and analyze the effects reported to see if they are consistent.) Do users feel different effects when they use the same type of cannabis(yes). How does this affect how they rate it? Ex: Hybrid- 13 users said it made them aroused. What is the average rating reported by those 13 people? Repeat for a few more effects in Hybrid, Sativa, then Indica. |
| * What is our discovery and/or wow factor? * Discovery factor = amount of counts in the flavor columns, weird flavors that were in the data set, (diesel, pungent, toilet, etc), Surprising that most people believe weed makes you giggly, but only 7 total reported this in the Original dataset. No one reported the effect of being paranoid which is a common belief held by many people. Our riveting/fascinating facts, and people wondering for the past 60 years if Mary Jane loves Rick James or not? |
| * What will we predict for the future of this Cannabis company? |
| * Enter pseudo code in jupyter notebook. * Download Jupyter Notebook and import the spreadsheet that Tacha cleaned and mined for us * Enter the comments and Code based on our update data file and revised hypothesis. |
| * Go over individual tasks. * Shanara – put canvas slides together, work on slides 1-20, 43-47, and write our professional level analysis that summarize major column findings and implications from column “e.” Group members send your column “e” information to Shanara and she will compile the paper and send it out to group members for review before final submission * Latti- * Tacha- * Kimberly * Misha |
| * Set next meeting time. |
| Thank you! ☺ |