

Math 534 Project Part A Submission Template

Student Name:

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Submission Date:

1. Project Title

An initial examination of THC's reported negative consequences.

2. Introduction

Inspired by the cult classic song by Afroman, "Then I got High", this research examines the relationship between THC consumption and key negative outcomes (missing school/work, watching too many cartoons and eating a lot of Taco Bell).

(I know I just gave you this, but make something up. Tell a story. It's good practice)

Individual Variable Analysis

Statistic	THC Consumed (Y)	Cartoon Hours (X1)	Taco Bell Orders (X2)
Description of variable	This variable measures the quantity of the intoxicant THC that was consumed by each user	This variable measures the number of cartoons watched in any media format (tv, streaming, etc) in hours over the study period	This variable measures the number of orders of food from Taco Bell, a stoner favorite
Mean	51.86	12.53	9.07
Minimum	1.00	1.00	0.00
Q1 (Quartile 1)	28.75	5.75	3.00
Median	50.00	13.00	9.00
Q3 (Quartile 3)	79.00	20.00	14.00
Maximum	100.00	24.00	20.00
Variance	811.86	54.82	39.52
Standard Deviation	28.49	7.40	6.29
Key observations (don't just restate numbers in words, tell me what you see in the data, what you think it means)	This study covered a wide range of users of THC from heavy users to light users	Stoners don't watch as much cartoons as I expected, while some were heavy viewers, there were some very light viewers	Dear god, someone had 20 Taco Bell orders? I pity their toilet

Use excel to do a graphs for your data:

- 1) Do a histogram for THC

Row Labels	Count of Cartoon Hours (X1)
1-5.6	25
5.6-10.2	19
10.2-14.8	11
14.8-19.4	19
19.4-24	26