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Getting Data Driven Answers from Surveys:

How College Students Manage Their Study Habits and Productivity Tools

Who

1. What is your class year?

Counts:

Junior	7
First-year	6
Sophomore	4
Senior	3
Graduate Student	1

Percentages:

Junior	33.33
First-year	28.57
Sophomore	19.05
Senior	14.29
Graduate Student	4.76

2. What is your major?

Major Counts:

Business	9
STEM	6
SLS	2
Health & Human Performance	1
Entrepreneurship	1
Art	1
Psychology	1

Major Percentages:

Business	42.86
STEM	28.57
SLS	9.52
Health & Human Performance	4.76
Entrepreneurship	4.76
Art	4.76
Psychology	4.76

3. What is your gender?

Gender Counts:

Male	16
Female	3
Transgender Female	1
Transgender Male	1

3. What is your gender?

Gender Percentages:

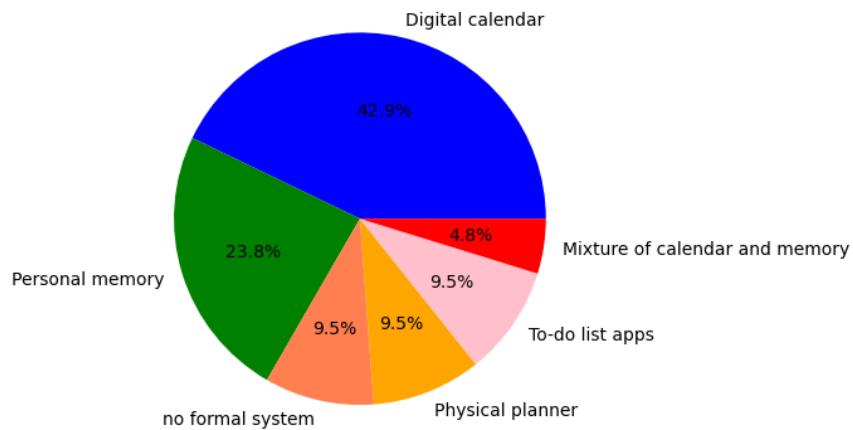
Male	76.19
Female	14.29
Transgender Female	4.76
Transgender Male	4.76

What

4. What primary method do you use to organize your studying?

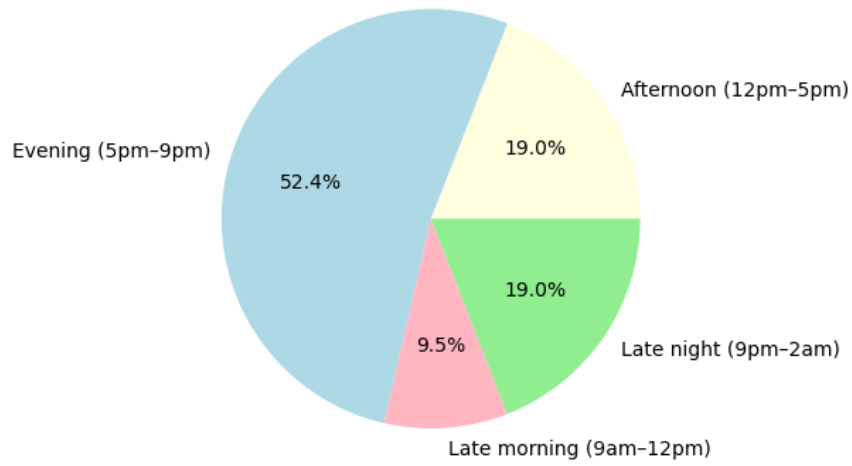
Digital calendar	9
Mixture of calendar and memory	1
Personal memory	5
Physical planner	2
To-do list apps	2
no formal system	2

Primary Method Used to Organize Studying



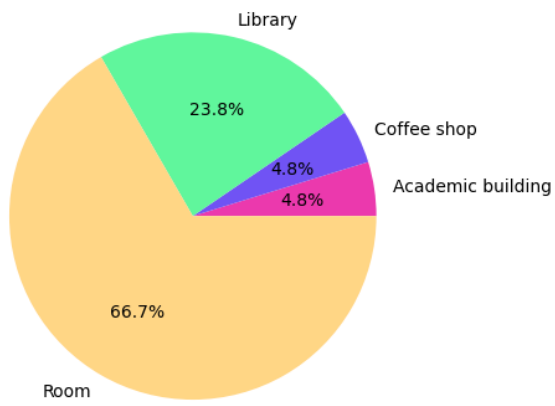
When

When Do You Typically Do Most of Your Studying?



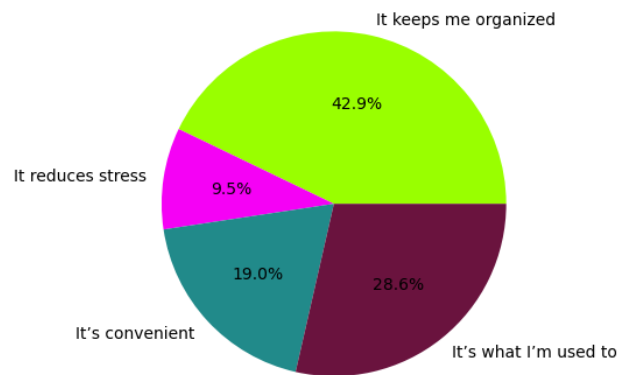
Where

Where Do You Usually Study?

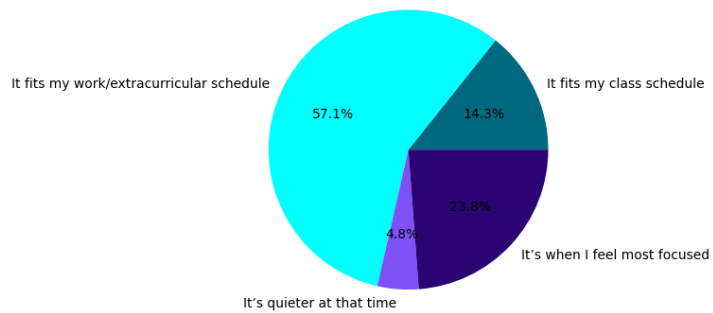


Why

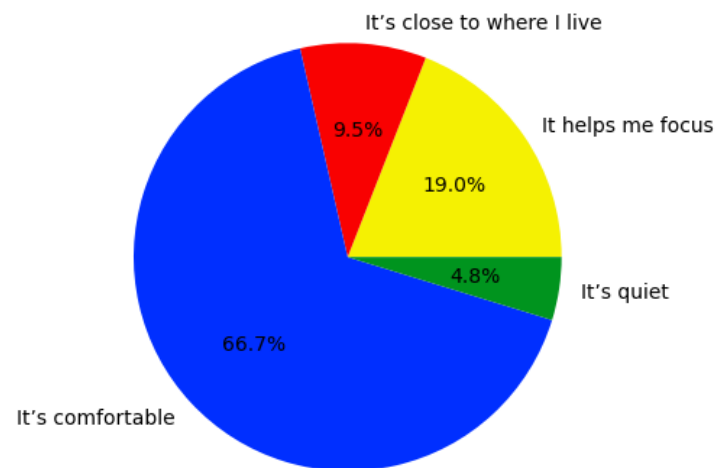
Why Do You Prefer the Study Method You Selected?



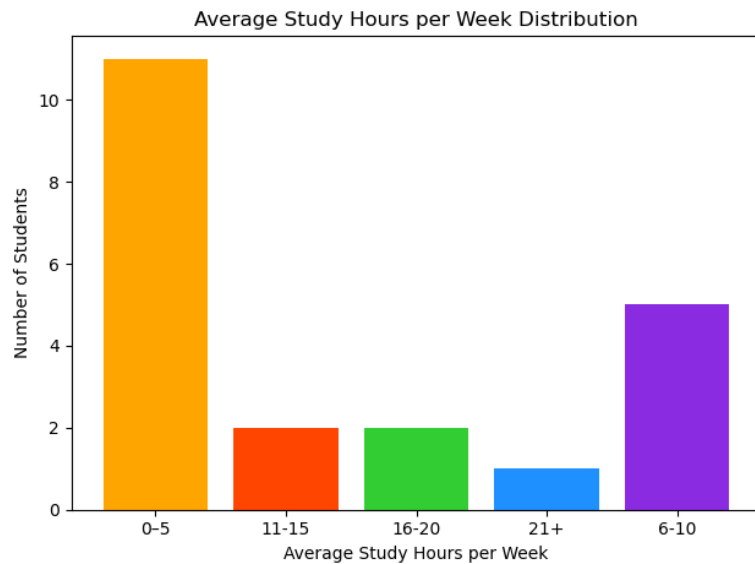
Why Do You Study at the Time of Day You Selected?



Why Do You Study in the Location You Selected?



Extra Information



How

For this project I was tasked with using a survey to get data driven answers. My method for the survey was created a survey on Google Forms, as a quick and easy way to export a CSV file out. This way I took the CSV file from the survey and imported it into VS Code. I was roughly about two weeks to complete this project, where I was tasked with creating the survey, exporting the data into a CSV, importing into VS Code, then finally using python to get data driven answers about the survey results.

The tools I used for the data analysis was the program called Python (version 3.x). In Python, I utilized the Pandas library for data manipulation and calculating percentages. I also used the Matplotlib library to create visuals that better helped explain my results. I of course initially used Google Forms to create the survey and gain the data first through multiple choice questions and then convert the results into a CSV.

A few limitations or weaknesses that comes with my project's results are two main parts. The first limitation that is present is a small sample size which increases the margin of error and the chance to have a better generalization of the results. Second, I found that there is a demographic issue, where the sample came in at 76% male dominant and 42% business major, which limits the choices that would potentially be made by others.

A way that my project could be improved is definitely increased sample size for more solid results. The other improvement I can think of is a larger demographic including gender, major, and year.