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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:

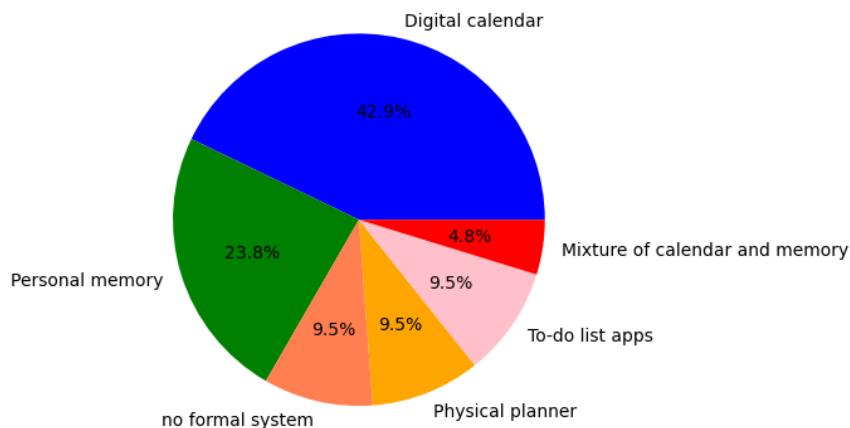
Male	76.19
Female	14.29
Transgender Female	4.76
Transgender Male	4.76

What

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

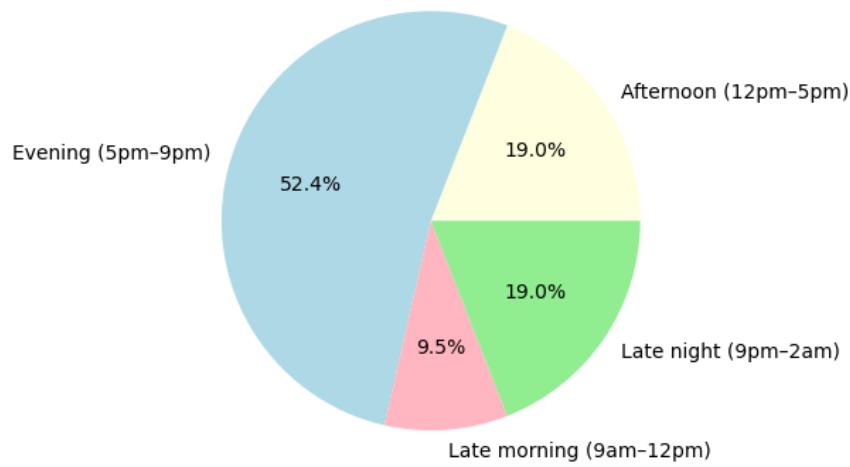
Digital calendar	9
Mixture of calendar and memory	1
Personal memory	5
Physical planner	2
To-do list apps	2
no formal system	2

Primary Method Used to Organize Studying



When

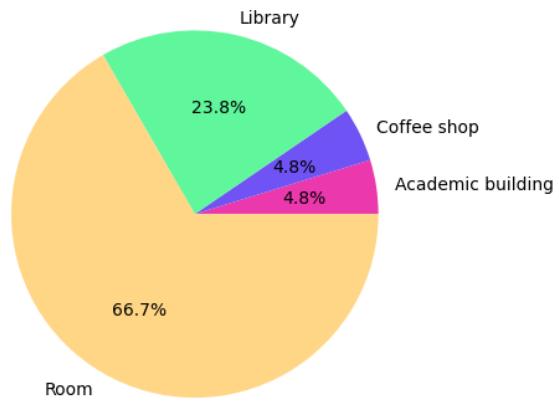
**When Do You Typically Do Most of Your Studying?**



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**Where**

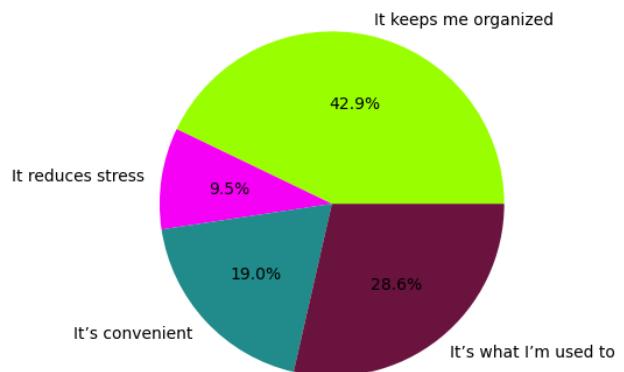
**Where Do You Usually Study?**



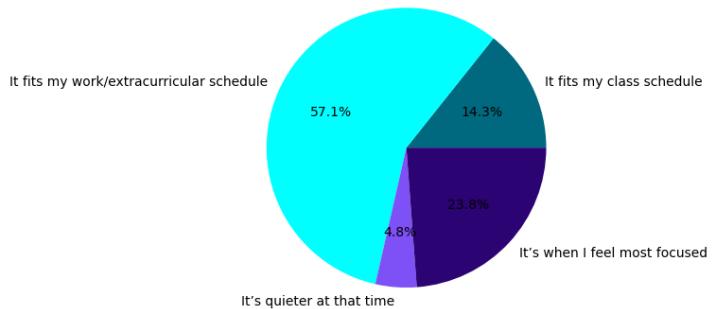
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**Why**

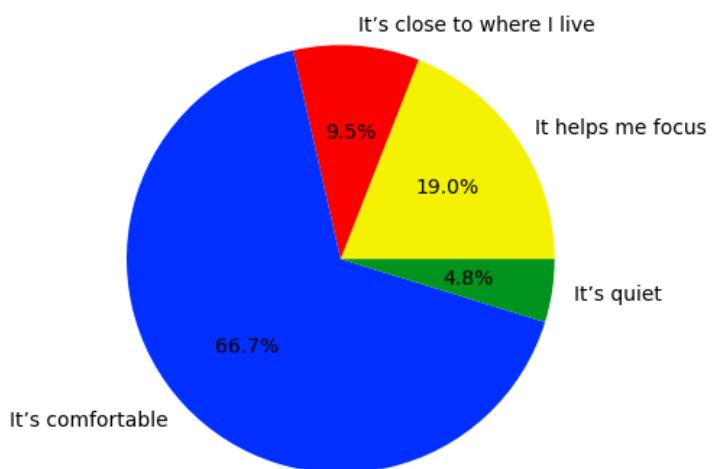
Why Do You Prefer the Study Method You Selected?



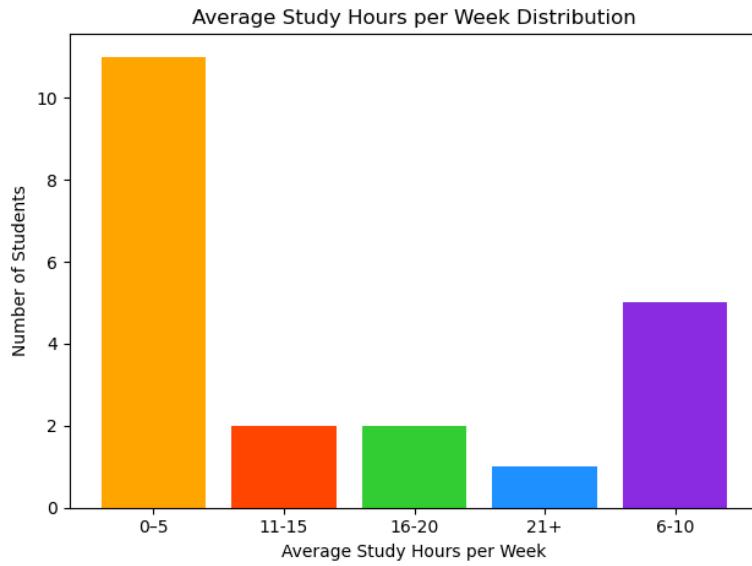
Why Do You Study at the Time of Day You Selected?



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. It 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 come 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.