Explanation

Our project is aiming to serve users who need help on their expense tracker. The expense tracker has all the detailed data and it is not simple for users to interpret and get what they want from it. Our project sums the monthly budget and total amount due for our users, so users can easily get the final results by using our program.

How to Run from Command Line

To run the program, you have to run the path of the expense tracker file with the program from the command line. You have to run the expensetracker.py file with your excel file of expense tracker. In our case, the example is type -- expense_tracker.py 'expensetracker.xlsx' in the command line.

How to Use It

After running the program, you will have a little interaction window pop into your screen, and you can interact with the buttons in that window. By clicking the start, you will be navigating to the buttons of three main function, Company and Account Type, Sum of The Total Amount Due, and Sum of The Monthly Budget. By clicking those three buttons, you can get the results of the calculation.

Annotated Bibliography

Baker, J., & Kenlon, S. (2019, Dec 27). 5 open source Python GUI frameworks. Retrieved from https://opensource.com/resources/python/gui-frameworks. This source helps us to choose Tkinter as our GUI development tool, and it provides some instruction to help us use it.

Cánepa, G. (2018, November 26). Importing Data from Microsoft Excel Files with Python. Retrieved from https://www.pluralsight.com/guides/importing-data-from-excel-with-python. By reading this source, we find a way to write and read the excel file in our python program.