Write-Up

1. List of team members: Michal Golovanevsky, Brooke Hanna, Anish Yakkala.
2. Initial decisions: Python, Jupyter Notebook and terminal (for testing purposes).
3. Internal architecture: Pandas Dataframe for easier access to subsets based on the filtering specifications and also to assist us with clear table visualization of the data.
4. Task log: we completed this task during the given lab periods on 04/03 and 04/05 working is a team around one computer and rotating who is typing.
5. Testing: we tested our functions in the Jupyter notebook after writing each function to ensure proper functionality, especially with the optional parameters. We found minor bugs that we fixed while we were writing the functions. Jupyter notebook made it easy to do step by step testing without needing to compile everything at once. Then we used the command line to test that our input/output looks correct to the user and performs the correct computations.
6. We would recommend doing this task using pandas, as it made it easier to complete and made our work more organized and straight forward. Note that we used the functions that are written in jupyter and are using pandas to see what our output should be when testing functions such as the average.