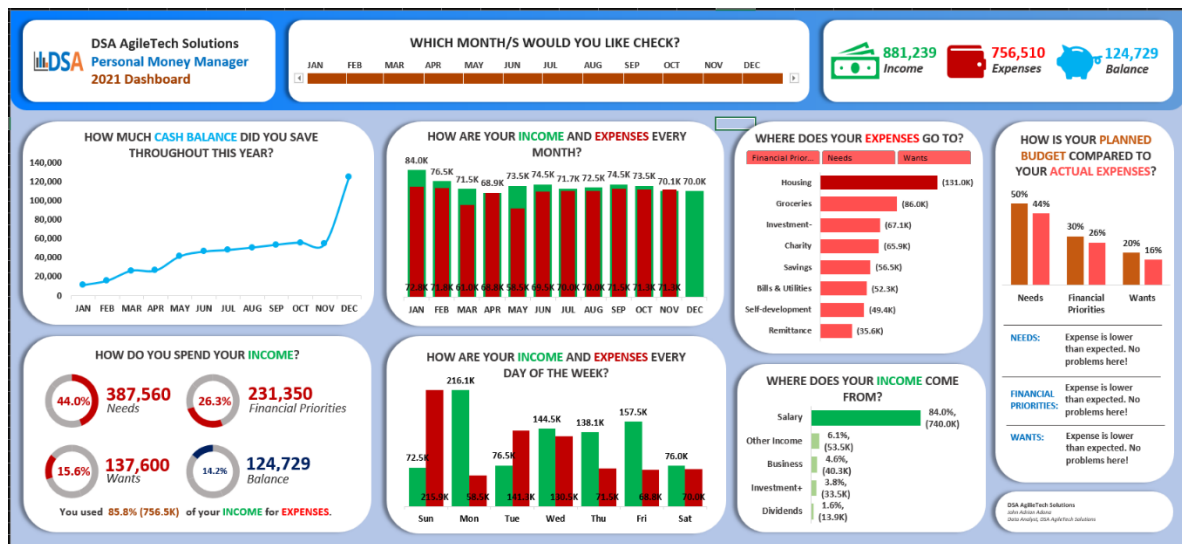


## PROJECT SUBMISSION

## I. DASHBOARD SCREENSHOTS

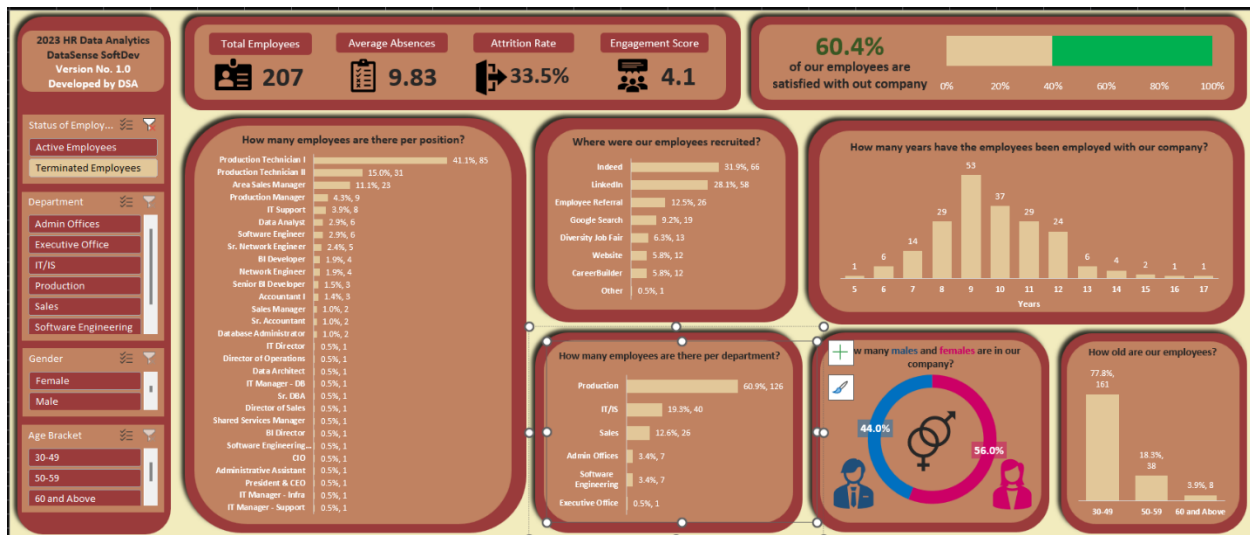
## A. PROJECT #1: Personal Finance Dashboard

## Personal Money Manager 2021 Dashboard



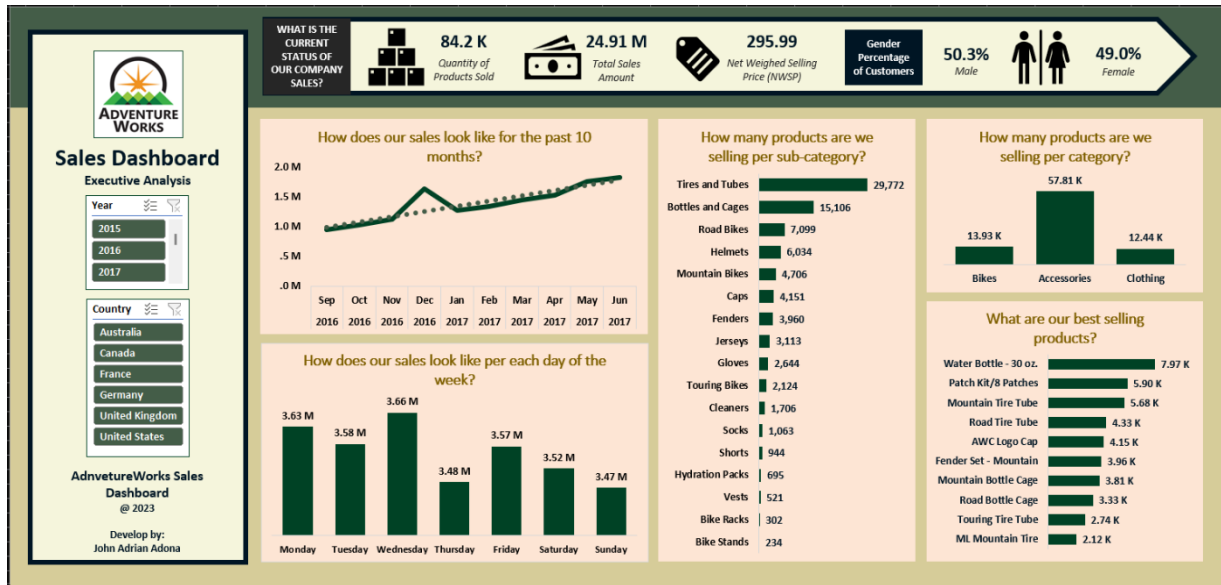
## B. PROJECT #2: HR Analytics Dashboard

## 2023 HR Data Analytics – DataSense SoftDev



## C. PROJECT #3: Sales Analytics Dashboard

### Sales Dashboard – Executive Analysis



### Analysis Sheet for Sales Dashboard


## Queries & Connections for Sales Dashboard

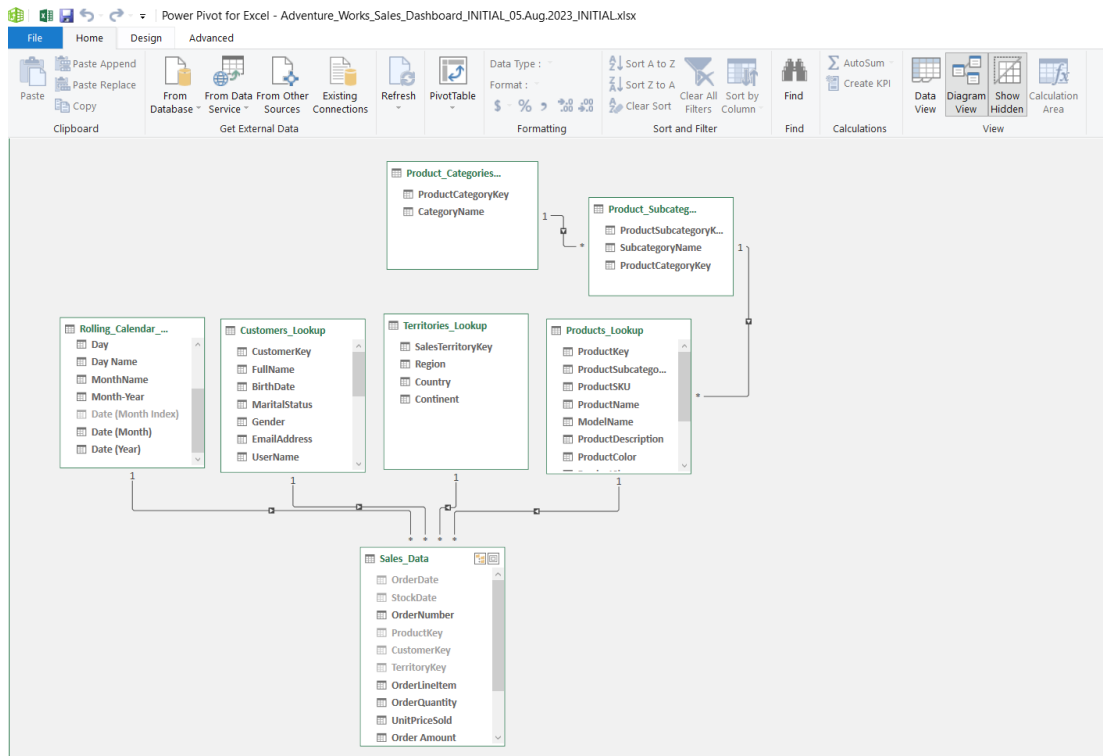
Power Query Editor - Customers\_Lookup

Table.TransformColumnTypes(\*Changed Type2\*,{{"IsParent", type text}})

CustomerKey	FullName	BirthDate	MaritalStatus	Gender	EmailAddress	User
11000	MR. JON YANG	08/04/1966	M	M	jon24@adventure-works.com	jon24
11001	MR. EUGENE HUANG	14/05/1965	S	M	eugene10@adventure-works.com	eugen
11002	MR. RUBEN TORRES	12/08/1965	M	M	ruben35@adventure-works.com	ruben
11003	MS. CHRISTY ZHU	15/02/1968	S	F	christy12@adventure-works.com	christ
11004	MRS. ELIZABETH JOHNSON	08/08/1968	S	F	elizabeth5@adventure-works.com	elizab
11005	MR. JULIO RUIZ	05/08/1965	S	M	julio1@adventure-works.com	julio1
11007	MR. MARCO MEHTA	09/05/1964	M	M	marco14@adventure-works.com	marco
11008	MRS. ROBIN VERHOFF	07/07/1964	S	F	rob4@adventure-works.com	rob4
11009	MR. SHANNON CARLSON	01/04/1964	S	F	shannon38@adventure-works.com	shann
11010	MS. JACQUELYN SUAREZ	06/02/1964	S	F	jacquelyn20@adventure-works.com	jacqu
11011	MR. CURTIS LU	04/11/1963	M	M	curtis9@adventure-works.com	curtis
11012	MRS. LAUREN WALKER	18/01/1968	M	F	lauren41@adventure-works.com	laurer
11013	MR. IAN JENKINS	06/06/1968	M	M	ian47@adventure-works.com	ian47
11014	MRS. SYDNEY BENNETT	09/05/1968	S	F	sydney23@adventure-works.com	sydne
11015	MS. CHLOE YOUNG	27/02/1979	S	F	chloe23@adventure-works.com	chloe
11016	MR. WYATT HILL	28/04/1979	M	M	wyatt32@adventure-works.com	wyatt
11017	MRS. SHANNON WANG	26/06/1944	S	F	shannon1@adventure-works.com	shann
11018	MR. CLARENCE RAI	09/10/1944	S	M	clarence32@adventure-works.com	clarer
11019	MR. LUKE LAL	07/03/1978	S	M	luke18@adventure-works.com	luke1
11020	MR. JORDAN KING	20/09/1978	S	M	jordan73@adventure-works.com	jordan
11021	MS. DESTINY WILSON	03/09/1978	S	F	destiny7@adventure-works.com	destir

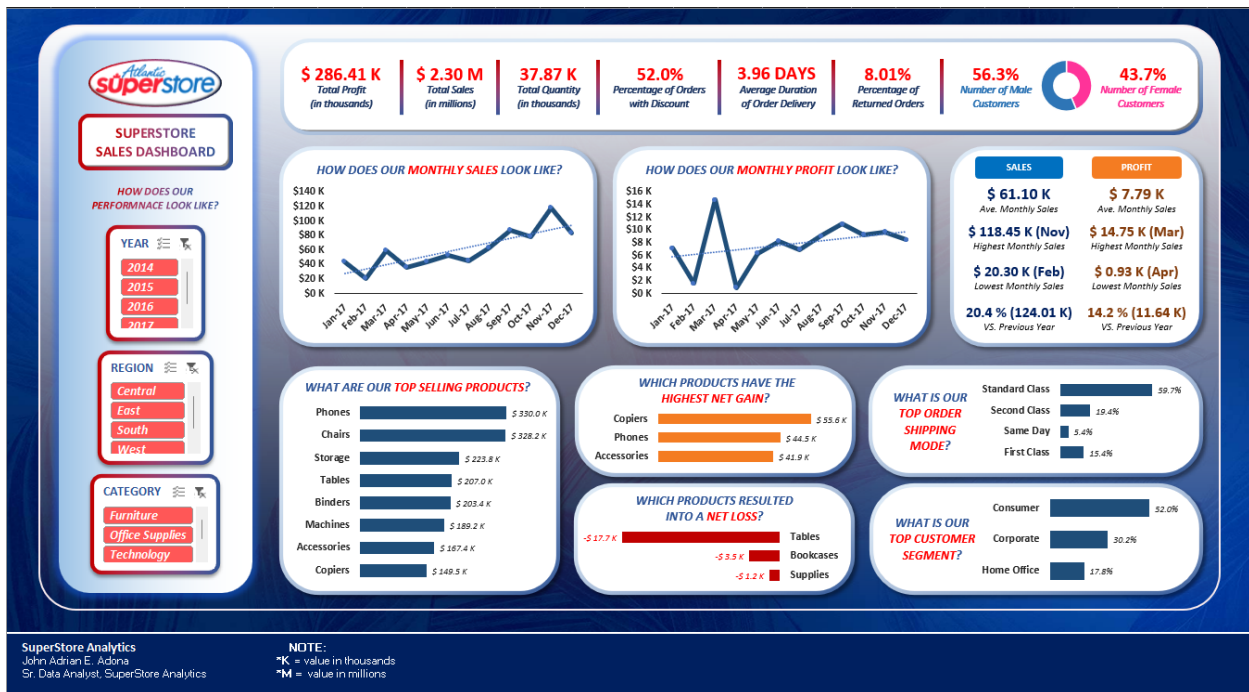
17 COLUMNS, 999+ ROWS. Column profiling based on top 1000 rows. PREVIEW DOWNLOADED AT 6:58 PM

## Data Relationship: Diagram View for Sales Dashboard

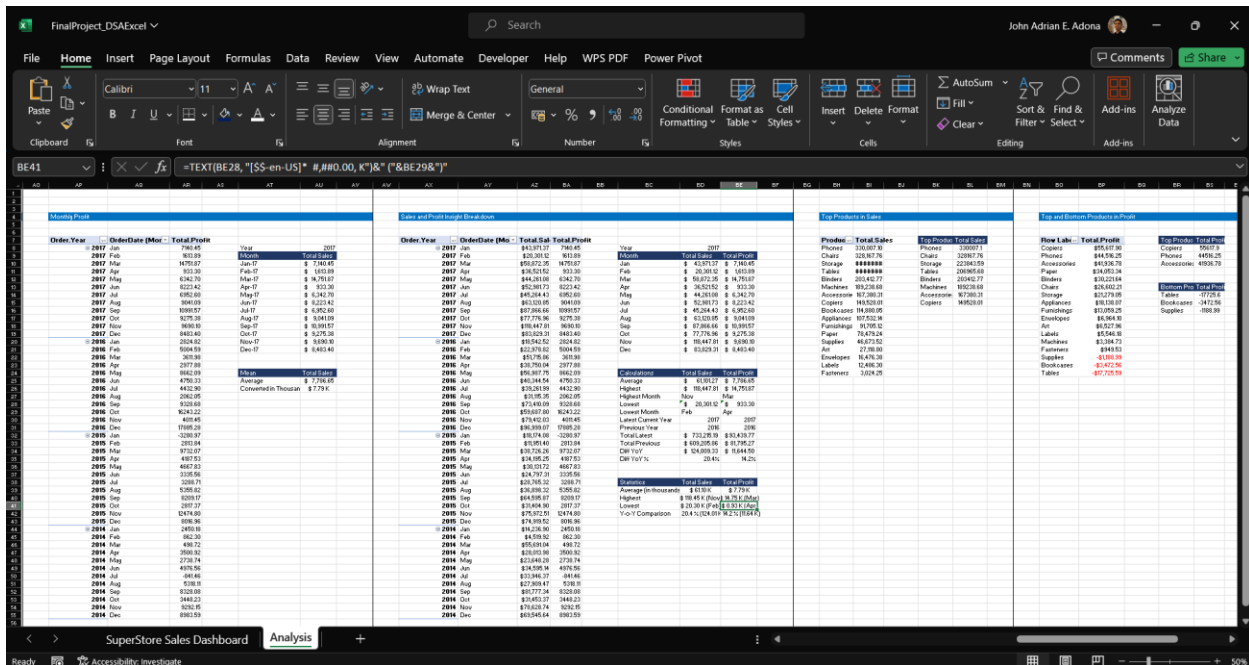


## D. PROJECT #4: Student Capstone Project

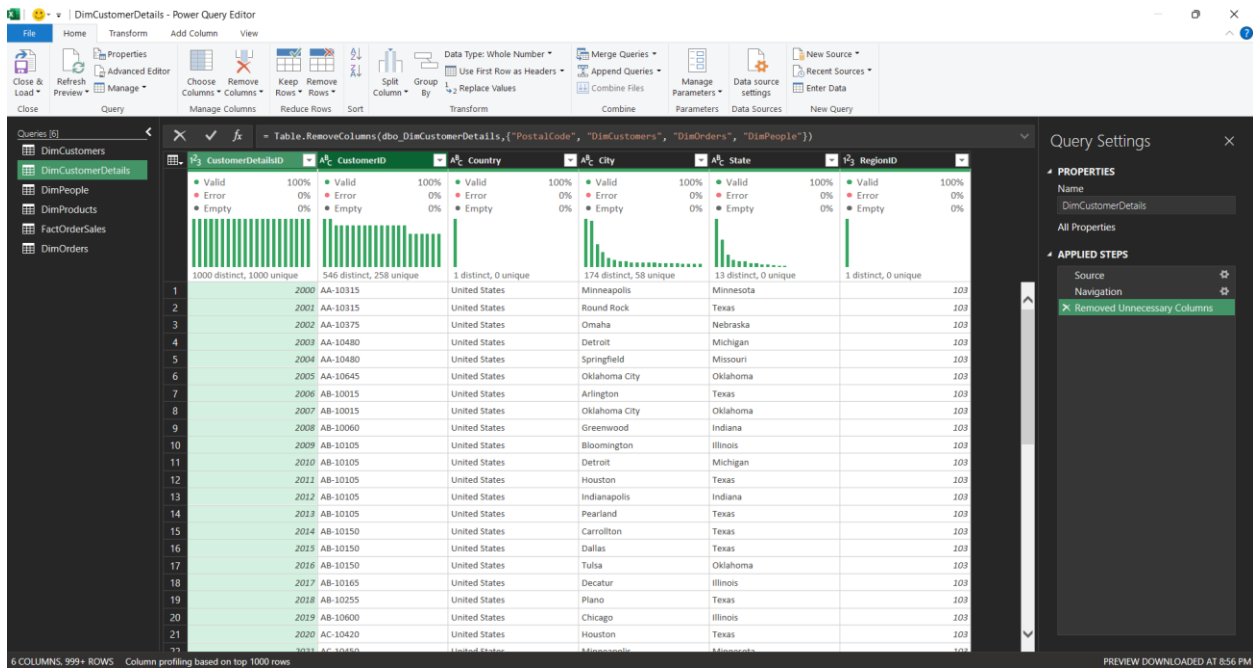
### SuperStore Sales Dashboard



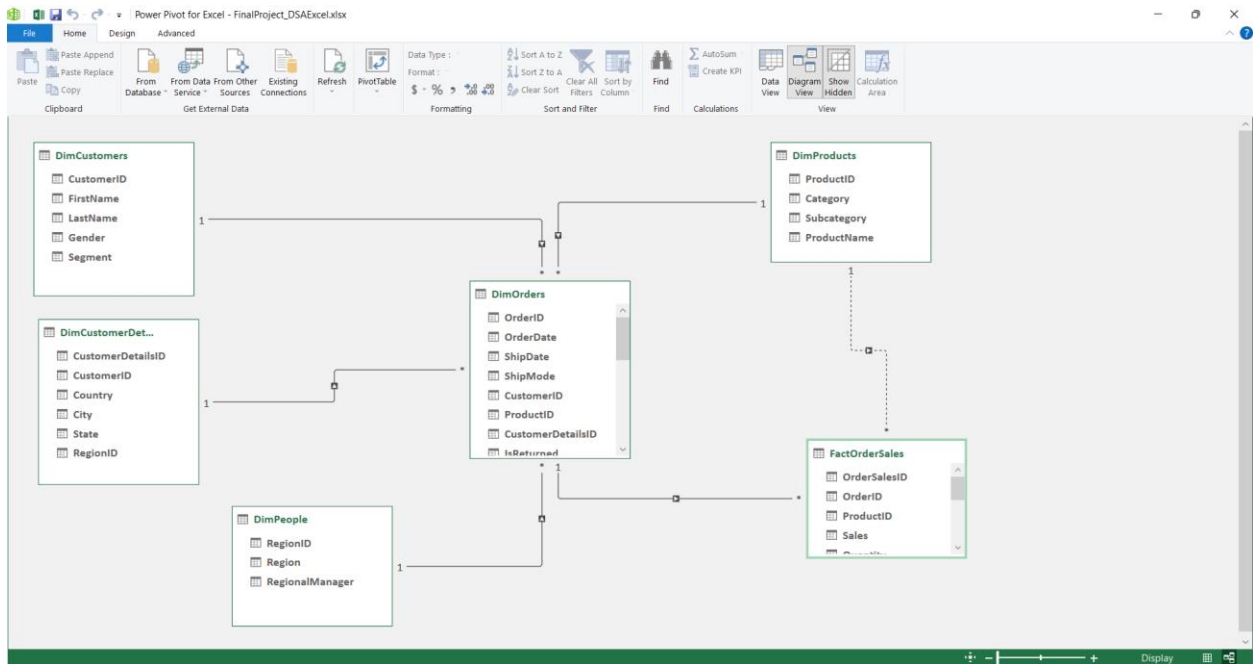
### Analysis Sheet for SuperStore Sales Dashboard



## Queries & Connections for SuperStore Sales Dashboard



## Data Relationship: Diagram View for SuperStore Sales Dashboard



## II. KEY TAKEAWAYS

There was a lot to take in from the learnings that I received from this MS Excel Masterclass Bootcamp. After series of discussions and project completions, the learnings were a lot more than I expected:

- MS Excel is more than just a simple spreadsheet. I just realized that there are a lot of functions inside Excel which I haven't heard of before attending the bootcamp. Thanks to Sir Abraham and the DSA team for the insightful teachings of technical and practical tips and tricks, I learned new things that could benefit me in my work with Excel such as the variety of advanced Excel formulas that I can use, the use of Excel Power Query and Power Pivot that shares similarities with Power BI and some aspects of the Pivot Table that I am not aware of. It helped me grow more appreciative in Excel to the point that I am planning to learn VBA in Excel to further improve my efficiency with Excel.
- After participating in the weekly sessions as well as performing data analysis at my previous job using Excel, I learned that Excel can be just enough to analyze data and provide valuable insights to the corporate world. Before the bootcamp, I really thought that all the data analyst-related terms that I have been hearing from time to time could only be done on sophisticated software such as Python, R, etc. It colored me surprised that the previously unknown terminologies to me such as data wrangling and ETL process can be done on a mere Excel spreadsheet. No wonder there is a lot of data analyst jobs here in the Philippines still uses Excel most of the time. Even at my current job, Excel is used most of the time and a lot of the Excel template files we use are so easy to use.
- I didn't know how flexible Excel was in creating projects such as dashboards. When I think of dashboards, my mind lingered to Power BI and Tableau before attending the bootcamp. I didn't know you could create one in Excel. Granted, while I think creating a dashboard in Excel is not as easy as creating a dashboard in Power BI, I do feel the former has more flexibility in terms of designing the aesthetics of the dashboard. However, I think I might need more time to use Power BI to further validate this opinion of mine.
- After this bootcamp, I realized that the data analysis part of being a data analyst, which was one of the reasons why I decided to pursue data analytics at the start of my career, was a small part of what data analysts do. At first, I thought that being an introvert that I am, pursuing a data analyst job would lead me to a role with less speaking but I guess I was wrong as there are a lot of communication skills that I need to do and develop. Also, it blew my mind how much emphasis is given to data cleaning for the sake of providing the best insights as possible, which is understandable. In addition, providing insights from analyzing the data is a lot harder than I anticipated as I need to have the domain knowledge or the context first before knowing what to provide as an insight to the stakeholders.
- For some reason, creating a dashboard is certainly a lot harder than it looks. It needs a whole lot of perseverance and determination to finish them, which I think would also apply to other projects. When I was looking for samples and created my dashboard projects for the bootcamp, I felt it was easy to conceptualize what I wanted my dashboards to look like, but I seemed to underestimate the amount of hard work I should put into them. My overthinking and naïve side contributed to the troubles that I had to progress quicker in my dashboards. Being indecisive in what design I want to place per each dashboard (color scheme, charts/analysis to put, etc.) due to a lot of different sample dashboards that I could reference,

I let several days pass by, wasting days of productivity. I realized that dashboard projects need a plan and a timeline to better organize my time allotted for these projects.

I'm sure there is a lot more that I could say about my key takeaways, but I believe these are the main ones that I picked up from all the learnings. Once again, thank you very much for the opportunity to learn from DSA. I hope you find continued success.