Individual submission for BDA09 Group 2 Mini Project 1 (Lim Hui Ting)

* 1. What were your contributions in the group submission

Our team attempt the questions individually first to get an understanding of the question. After our own exploration, we shared our progress on the questions. I raised questions about some of my numbers not being the same with others and we discussed on which datasets we needed to use for which KPI. After everyone had achieved the components of the dashboards, we further try to troubleshoot on making functional filters. I also shared with my teammates on how to format the page size to create more space for each KPI and graph. I do up the bonus questions on my own and double checked my graphs with my teammates.

As a team, we discussed on the formatting on the page layout, what to include in the appendix and also the insights that we can draw from the data and charts. I raise questions, relay information and we debated if there is correlation between tables and eventually came up with the insights and recommendations.

* 1. What functions/techniques did you applied to get to the results

I used measures to create the KPI, adding them to a card to show the numeric values.   
I learnt to format the dates in the tables to only leave the date in order to draw the KPI vs date graphs.   
To create the slicers, I learnt from Shurun to create individual tables for distinct dates, distinct LineID and distinct TeamID values respectively before we can use the model relationships to link up the slicers with the correct table columns.   
For the bonus question, I draw the scatter chart to get the correlation charts and use the quick measure to get the correlation coefficient.

* 1. What were the your key takeaways from this module/mini project

What we learn in class is just a small fraction on what is required to create a functional dashboard. In this mini project, we had to do google search for answers to ensure the many components of our dashboard work. I also learnt that it is very important to just ask for help as I was stuck and not sure how to start however my teammate, Shurun, who have more experience with PowerBI guided us and helped us troubleshoot our files to ensure all our filters works. I learnt so much just from the interaction with her. Lastly the dashboard only present data, I acknowledge how difficult it is to ask the correct questions to gain further understanding of what is happening to come up with insights and recommendations.