

Homework Assignment 12

Due Date: 12/20/2021 6:00 PM,

This is last assignment for this semester. After the assignment is completed, put the screenshot to the slack channel

We only use PowerBI for this assignment, please do the following:

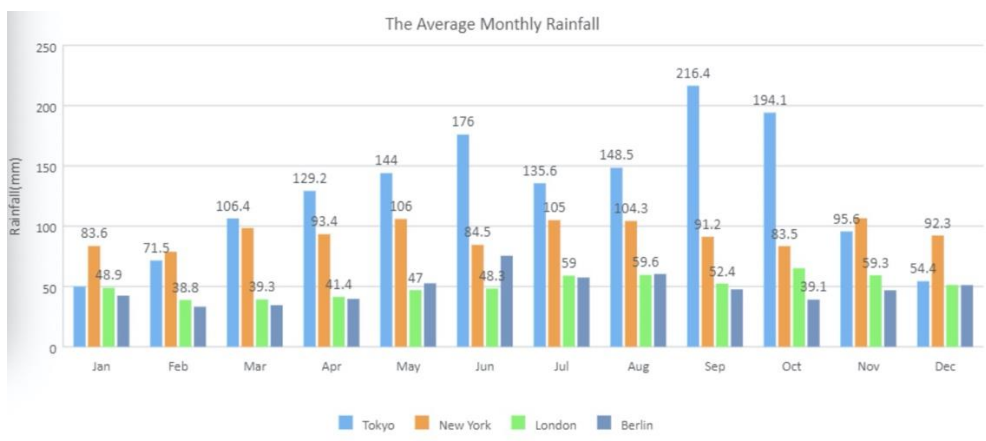
(You can use any graphic type you want, just pick one graphic type)

Question 1: Use PowerBI to how many bus breakdowns occurred from 2015 to 2016, 2016 to 2017, 2017 to 2018, 2018 to 2019, and 2019 to 2020.

Question 2: In the Run_Type column, use PowerBI to display the type and quantity of Run Types.

Question 3: In the Reason column, use PowerBI to display the reason type and quantity of reason. And show the proportion of each reason of the total Reason column.

Question 4: In the Occurred_On column, use PowerBI to display to show how many times happened in the morning and afternoon in each year? (Using Histogram , yellow histogram present the morning, blue histogram present the afternoon , likes below graph)



Question 5: In the Boro column, use PowerBI to display the type and quantity of Boro.

Question 6: Use PowerBI to display how many times Pre-K/EI bus breakdowns

occurred in each year.

Question 7: Use PowerBI to display how many times did Pre-K/EI bus breakdowns in each area in each year (2016-2017, 2017-2018, 2018-2019, 2019-2020).

Question 8: Use PowerBI to display how many times the Pre-K/EI bus broke down in the morning in each area in each year (2016-2017, 2017-2018, 2018-2019, 2019-2020).

Question 9: Use PowerBI to display what proportion of each Pre-K/EI bus in Bronx breakdown reason corresponds to the total breakdown reason in each year (2016-2017, 2017-2018, 2018-2019, 2019-2020).

Question 10: Use PowerBI to display that in Bronx, which line of Pre-K/EI bus the most.