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Backstory

A company that is specialized of cleaning wide public areas has signed a contract to clean a number of most busy New York subway stations. the company aims to clean subway stations when it is most less busy during the day.in other words, the objective is to find a perfect time to allow cleaners to clean the subway station area with as much less people around as possible.

Data Description:

For this project MTA data will be used to solve the problem. MTA is sharing a weakly data of subway traffic and it is published through MTA website. For the project, the traffic of pedestrians will be analyzed and determine when theses subway stations would be less busy with people comparing with the rest of the day. A 6 months' worth of data will be used for the study analysis, in this study the past 6 months will be used. The data contain multiple columns, for seek of this study it expected to use 'STATIONS','DATE','TIME','ENTRIES', and 'EXITS' columns.