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Transforming Riyadh into a Green CIty

As a result of climate change, countries started to shift their visions to reusable energy and public transportations as a stand to the crisis on hand. The goal of this model is to be able to expand the capacity of the current stations so that it can handle the feature increase of the passengers. In addition, the model will allow more people to use trains instead of cars which will help the environment by reducing carbon emissions.

Metropolitan Transportation Authority (MTA) provides a public dataset that is going to be used to analyze and make predictions. Train stations, turn-style machines, and the time entering and departing the station are all characteristics that will be used in this project. As a result, these attributes will be utilized to forecast traffic times and locations.

Python is going to be the programming language since it has a lot of libraries. The libraries that are intended to be used for this project are pandas, seaborn, numpy and matlabplot to analyze and visualize the data.

In conclusion, The datasample shows that in the next 5 years there will be a noticeable surge in the influx of people towards public transportation.