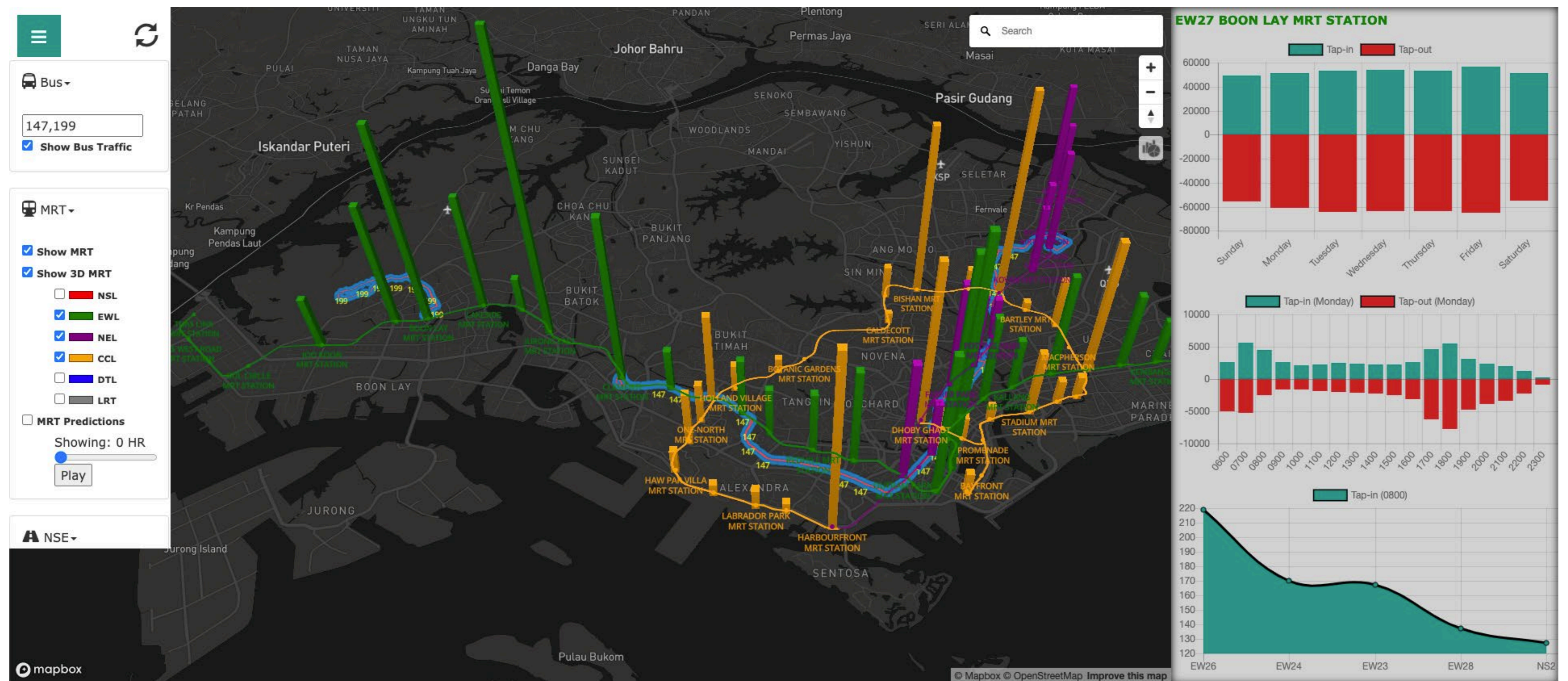


# Big Data Analytics for Smart Transportation

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## Big Data Analytics Web Application:



## Project Objectives:

The goal of this project is to improve the qualities of the big data analytics web application. Qualities in terms of scalability, reliability, and maintainability. And in order to achieve these qualities, there is a need to reconsider the system design and the implemented solution. The first step is to do code refactoring so that the system is more modular which is easier to maintain. Having a more modular system also leads to more options for optimization. Such as filtering for specific data set can be done through directly querying from the database where table can be indexed accordingly, heavy, and intensive data processing can adopt the concept of a data warehouse where the data are store as analytical ready to minimize latency.

<b>Type of analytics</b>
Bus Route
MRT Route and Volume
Traffic Condition
National Science Experiments

## Traffic Condition:

