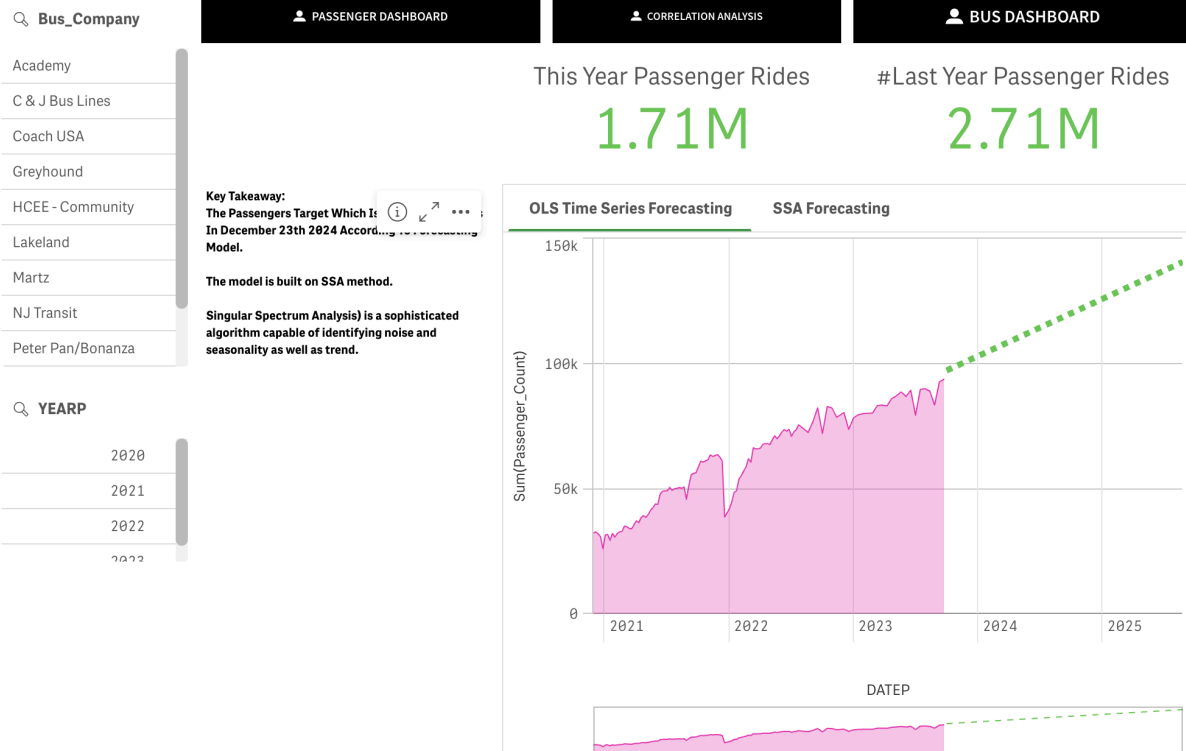
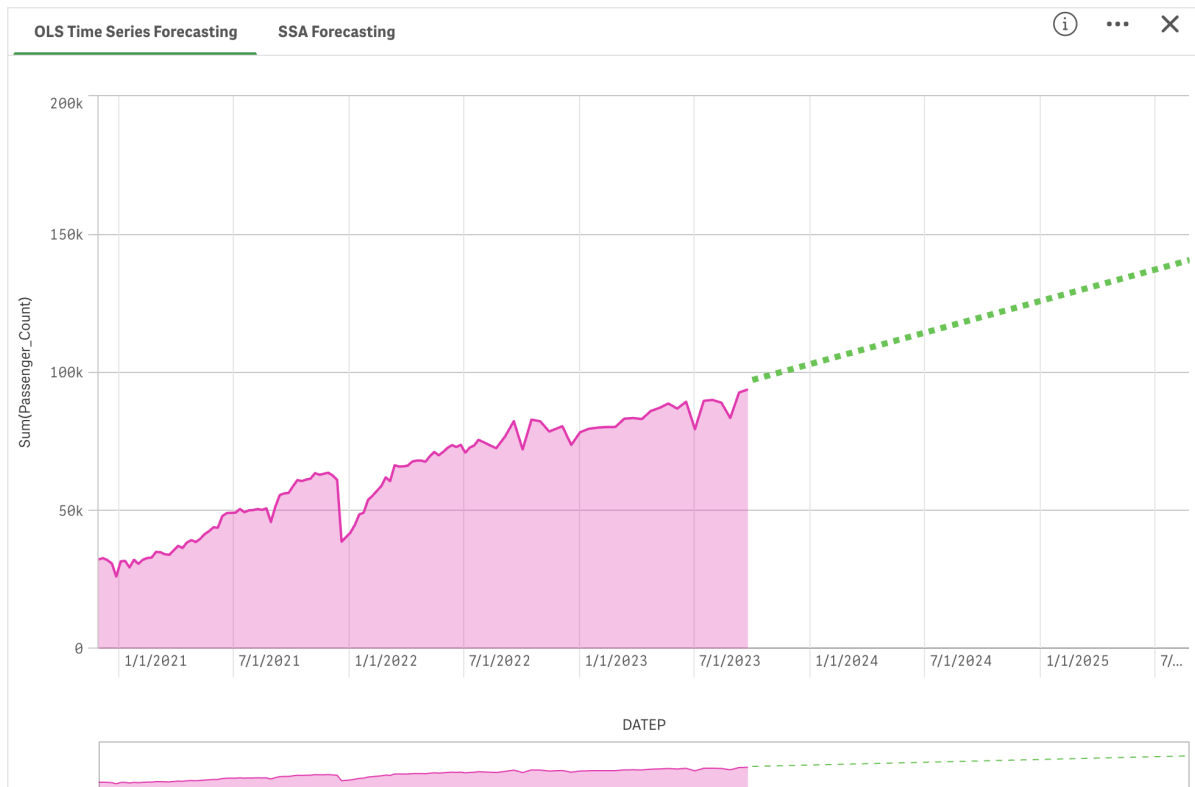


## PASSENGERS RIDES TIME SERIES FORECASTING MODEL



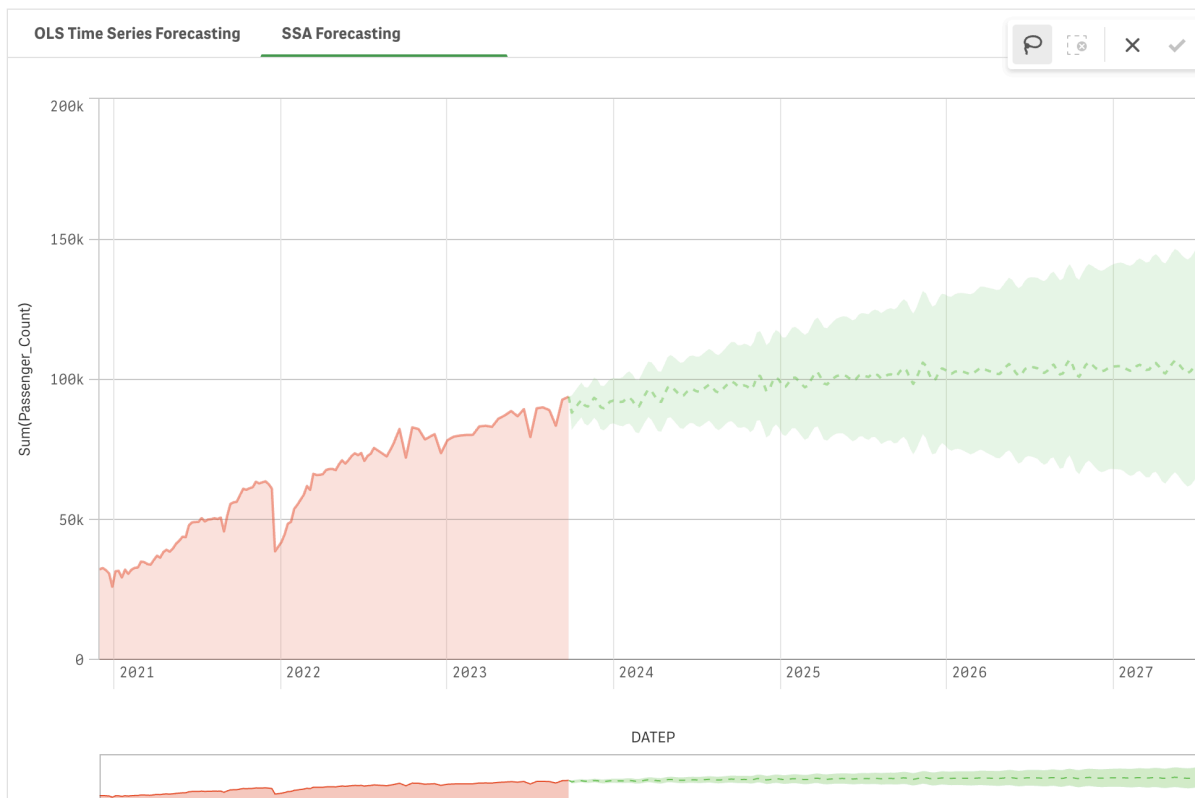
## PASSENGERS RIDES TIME SERIES FORECASTING MODEL

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## PASSENGERS RIDES TIME SERIES FORECASTING MODEL

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PASSENGER DASHBOARD

CORRELATION ANALYSIS

BUS DASHBOARD

#Total Bus Depart Till Date

296,679

# This Year Departure Volume

55,409

# Last Year Departure Volume

104,352

# YOY % Change

-46.90%

This Year Passenger Rides

1.71M

#Last Year Passenger Rides

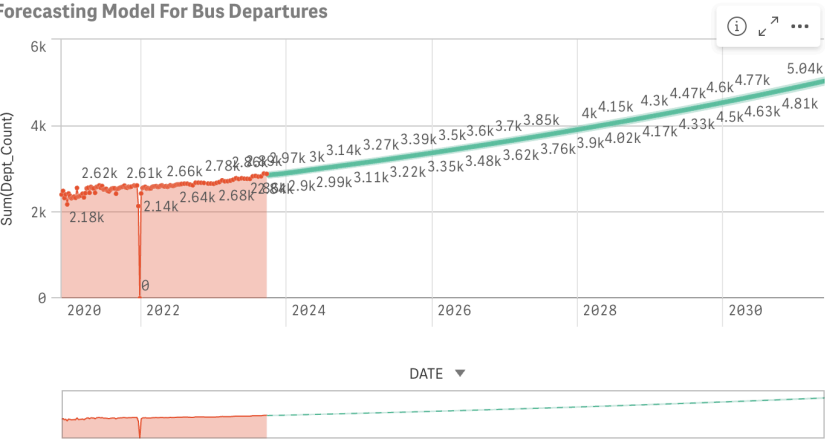
2.71M

Forecasting Model For Bus Departures

**Key Takeaway:**  
**The Target Bus Departures Count Which Is 3900 , Will Cross In December 12th 2027 According To Forecasting Model.**

**The model is built on SSA method.**

**Singular Spectrum Analysis) is a sophisticated algorithm capable of identifying noise and seasonality as well as trend.**



- ☐ Academy
- ☐ Greyhound
- ☐ Martz
- ☐ Trailways
- ☐ 2020
- ☐ 2023

☐ C & J Bus Lines

☐ HCEE - Community

☐ NJ Transit

☐ TransBridge

☐ 2021

☐ Coach USA

☐ Lakeland

☐ Peter Pan/Bonanza

☐ 2022