**DAILY PUBLIC TRANSPORT DATA INSIGHTS**

**Overall Trend:**

* The visualization reveals the overall trend of passenger journeys for each service type.

**Seasonality:**

* Seasonality is addressed here within the exponential smoothing model
* The parameter seasonal = add indicates that the model assumes an additive seasonality, meaning that the seasonal fluctuations are added to the overall trend
* The parameter seasonal\_periods = 365 specifies the length of the seasonal cycle, which is set to 365 days,suggesting a yearly seasonality in your passenger journey data.

**Forecasted values:**

* The forecast provides an estimate of passenger journeys for next 7 days from sep 30 to oct 6

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**Local Route and Rapid Route:**

* These seem to have higher and more consistent passenger volumes over time.

**Light Rail:**

* Shows a moderate level, but with noticeable fluctuations.

**Peak Service and School Services:**

* These have lower counts, likely due to their specialized use cases. They also show periodic dips and peaks.

**Other:**

* It has lower counts, perhaps indicating auxiliary or event-based usage.

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**From graph of forecast data**

* The values are commonly increasing from oct 1 to oct 3 and gradually decreasing after oct 3 and slightly gets increased after oct 5.
* The peak value at sep 9

**From forecasted data**

* Peakday of the services

Local Route - 2024-09-30

Light Rail - 2024-09-30

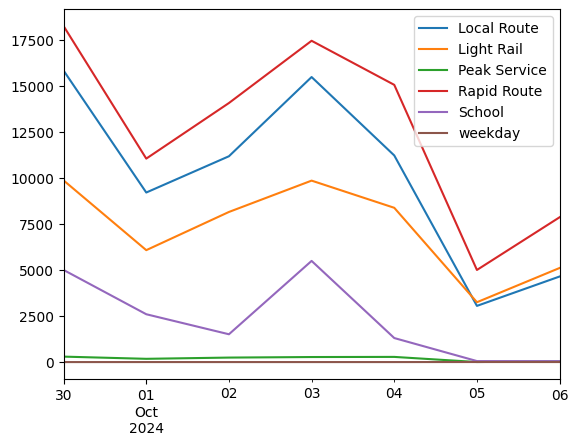
Peak Service - 2024-09-30

Rapid Route - 2024-09-30

School - 2024-10-03

weekday - 2024-10-05

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