**Insights:**

* The dataset covers a range of 6 years (2019 - 2024).
* The peak service and Schools shows the data to be 0 during the pandemic (2020-2022).
* School shows narrow Distribution.
* Rapid route is the most popular service.
* School shows drop on holidays.

**Forecast Algorithm:**

The algorithm used here is **Prophet**.

Prophet is a time series forecasting tool designed to produce accurate forecasts for data with multiple seasonalities and trends, and it was used here to forecast passenger journeys for each service type separately.

Prophet models a time series as a combination of:

* Trend
* Seasonality
* Holidays

**Reason for using:**

* It automatically detects and fits multiple seasonality components.
* Robust to missing data and outliers.
* Well-suited for time series data with strong seasonal effects.

**Parameters used:**

* **daily\_seasonality=True**: Captures daily variations if the data supports it.
* **weekly\_seasonality=True**: Captures weekly patterns (like weekdays vs weekends).