**Clean**

1. **تم تغيير أسماء الاعمده لسهوله الاستخدام**

|  |  |
| --- | --- |
| **الأسماء الجديده** | **الأسماء القديمة** |
| Subways | Subways: Total Estimated Ridership |
| Subways\_pre | Subways: % of Comparable Pre-Pandemic Day |
| Buses | Buses: Total Estimated Ridership |
| Buses\_pre | Buses: % of Comparable Pre-Pandemic Day |
| LIRR | LIRR: Total Estimated Ridership |
| LIRR\_pre | LIRR: % of Comparable Pre-Pandemic Day |
| Metro-North | Metro-North: Total Estimated Ridership |
| Metro-North\_pre | Metro-North: % of Comparable Pre-Pandemic Day |
| Access-A-Ride | Access-A-Ride: Total Scheduled Trips |
| Access-A-Ride\_pre | Access-A-Ride: % of Comparable Pre-Pandemic Day |
| Bridges and Tunnels | Bridges and Tunnels: Total Traffic |
| Bridges and Tunnels\_pre | Bridges and Tunnels: % of Comparable Pre-Pandemic Day |
| Staten Island Railway | Staten Island Railway: Total Estimated Ridership |
| Staten Island Railway\_pre | Staten Island Railway: % of Comparable Pre-Pandemic Day |

:

**تحليل الاتجاهات الزمنية**

* استخدم مخططات الخطوط (Line Charts) لمقارنة تغير عدد الركاب اليومي في وسائل النقل المختلفة قبل وأثناء الجائحة.

تم عمل مجموعه من معادلات ال Dax لحساب الاعداد قبل الجائحه حيث تمثل الاعداد الموجوده في الملف النسبة المئويه من الاعداد قبل الجائحه

Subways\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[Subways]),

    SUM(MTA\_Daily\_Ridership[Subways\_pre])

) \* 100

StatenIslandRailway\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[Staten Island Railway]),

    SUM(MTA\_Daily\_Ridership[Staten Island Railway\_pre])

) \* 100

MetroNorth\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[Metro-North]),

    SUM(MTA\_Daily\_Ridership[Metro-North\_pre])

) \* 100

LIRR\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[LIRR]),

    SUM(MTA\_Daily\_Ridership[LIRR\_pre])

) \* 100

Buses\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[Buses]),

    SUM(MTA\_Daily\_Ridership[Buses\_pre])

) \* 100

BridgesTunnels\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[Bridges and Tunnels]),

    SUM(MTA\_Daily\_Ridership[Bridges and Tunnels\_pre])

) \* 100

AccessARide\_PrePandemic =

DIVIDE(

    SUM(MTA\_Daily\_Ridership[Access-A-Ride]),

    SUM(MTA\_Daily\_Ridership[Access-A-Ride\_pre])

) \* 100

تم عمل معادلتين Dax لحساب اجمالى الاعداد قبل وبعد الجائحه

Total\_Ridership =

SUM( MTA\_Daily\_Ridership[Subways] ) +

SUM( MTA\_Daily\_Ridership[Buses] ) +

SUM( MTA\_Daily\_Ridership[LIRR] ) +

SUM( MTA\_Daily\_Ridership[Metro-North] ) +

SUM( MTA\_Daily\_Ridership[Access-A-Ride] ) +

SUM( MTA\_Daily\_Ridership[Bridges and Tunnels] ) +

SUM( MTA\_Daily\_Ridership[Staten Island Railway] )

Total\_Ridership\_Pre =

SUM( MTA\_Daily\_Ridership[Subways\_Pre] ) +

SUM( MTA\_Daily\_Ridership[Buses\_Pre] ) +

SUM( MTA\_Daily\_Ridership[LIRR\_Pre] ) +

SUM( MTA\_Daily\_Ridership[Metro-North\_Pre] ) +

SUM( MTA\_Daily\_Ridership[Access-A-Ride\_Pre] ) +

SUM( MTA\_Daily\_Ridership[Bridges and Tunnels\_Pre] ) +

SUM( MTA\_Daily\_Ridership[Staten Island Railway\_Pre] )