Project Title: *Logistics & Transportation- Fleet Performance & Delivery Efficiency*

Problem Statement:
A logistics company wants to analyze its fleet performance in terms of on-time deliveries, fuel efficiency, and cost per mile.

Dataset: Logistic Dataset Link

Dataset Fields:

- Trip ID, Vehicle ID, Driver ID, Origin, Destination, Distance (km), Fuel Consumed (liters), Delivery Status (On-Time/Late), Delivery Date.
- Vehicle Master: Vehicle ID, Vehicle Type, Capacity, Maintenance Cost.

Project steps and objective:

1. **Data Cleaning & Modeling:** *(5marks)*
    - Fix missing fuel consumption values (use avg. per vehicle type).
    - Relate Trips with Vehicle Master.
2. **DAX Measures:** *(5marks)*
    - **Fuel Efficiency = Distance / Fuel Consumed**
    - **On-Time Delivery % = On-Time Trips / Total Trips**
    - **Cost per km = (Fuel Cost + Maintenance Cost) / Distance**
3. **Visualization:** *(5marks)*
    - Bar chart: On-Time Delivery % by Route.
    - Line chart: Fuel Efficiency trend by month.
    - KPI cards: Avg. Delivery Time, Cost per km.
    - Map visual: Delivery performance by route (Origin → Destination).

Expected Output: A transport operations dashboard to optimize routes and fleet usage.