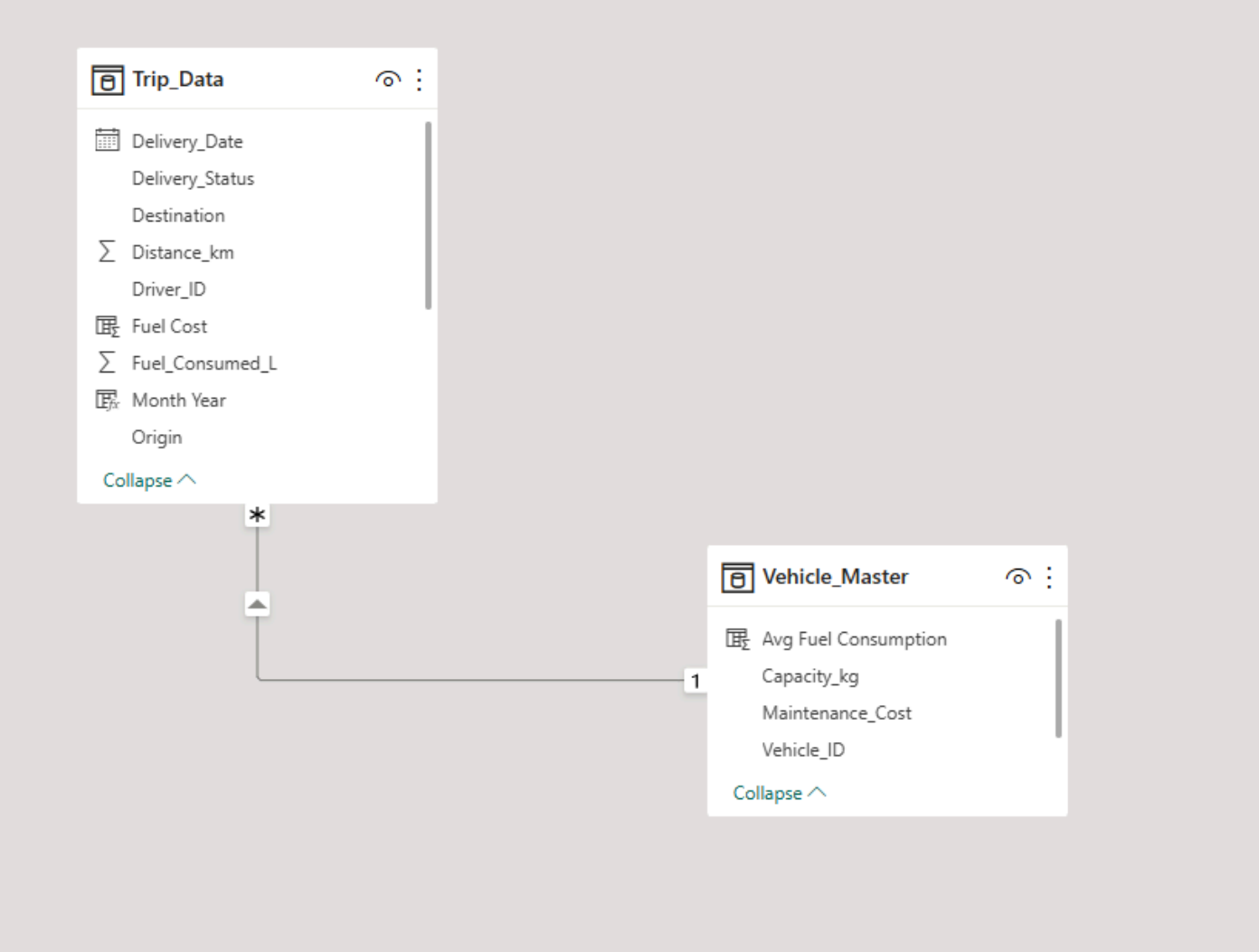
Project Title: *Logistics & Transportation- Fleet Performance & Delivery Efficiency*

1. **Data Cleaning & Modeling:**

○ Fix missing fuel consumption values (use avg. per vehicle type). ----(No Missing Values)

○ Relate Trips with Vehicle Master.



2. **DAX Measures:**

○ Fuel Efficiency = Distance / Fuel Consumed

```
Fuel Efficiency = Divide(sum(Trip_Data[Distance_km]),sum(Trip_Data[Fuel_Consumed_L]))
```

○ On-Time Delivery % = On-Time Trips / Total Trips

```
OnTimeDelivery% = DIVIDE(CALCULATE(COUNTROWS(Trip_Data),Trip_Data[Delivery_Status]="On-Time"),COUNTROWS(Trip_Data),0)
```

○ Cost per km = (Fuel Cost + Maintenance Cost) / Distance

```
Cost Per KM = Divide(sum(Trip_Data[Fuel Cost])+sumx(Trip_Data,Related(Vehicle_Master[Maintenance_Cost])),Sum(Trip_Data[Distance_km]),0)
```

3. **Visualization:**

○ 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).