Consider the following scenario involving the City Police Department.

The City Police Department wants to create an analytical database to analyze ticket revenue. The two available data sources are Source 1 and Source 2, described below.

Source 1: The City Police Department maintains the Ticketed Violations database shown in Figure 2.

Source 2: The Department of Motor Vehicles (DMV) maintains the Vehicle Registration table, shown as VEHICLE\_REGISTRATIONS on page 3.

Diagram

Description automatically generated

Figure - ER Diagram of the City Police Department‘s ticketing system(s)

Use the example dashboard and the sample data on the following pages to construct a star schema capable of achieving the intended dashboard visualizations.

A picture containing text, whiteboard

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated

Table

Description automatically generated