This dataset provides detailed information about stolen vehicles, including their types, makes, model years, descriptions, colors, and the locations where they were stolen. It also includes information about the regions and countries where these thefts occurred, as well as population and density data for these regions. The dataset is divided into three main tables: `stolen_vehicles`, `make_details`, and `locations`.

Data Dictionary

stolen_vehicles Table

- vehicle_id: Unique ID of a stolen vehicle
- vehicle_type: Type of vehicle
- make_id: Matches make_id in the make_details table
- model_year: Model year of the vehicle
- vehicle_desc: Description of the vehicle
- color: Color of the vehicle
- date_stolen: Date the vehicle was stolen (MM/DD/YY)
- location_id: Matches location_id in the locations table

make_details Table

- make_id: Unique ID of the make
- make_name: Name of the make
- make_type: Type of make (Standard or Luxury)

locations Table

- location_id: Unique ID of the region
- region: Name of the region
- country: Country where the region is located
- population: Population of the region
- density: Density of the region (population / km²)

Business Questions

1. Which types of vehicles are stolen most frequently?
   - Insight: Identify the vehicle types with the highest theft rates to understand which types are more prone to theft.

2. What is the distribution of stolen vehicles by make and model year?
   - Insight: Analyze the most common makes and model years among stolen vehicles to determine any patterns or trends.

3. How does the frequency of vehicle thefts vary by region and country?
   - Insight: Compare the number of thefts across different regions and countries to identify areas with higher theft rates.

4. What is the correlation between the population density of a region and the number of vehicle thefts?

- Insight: Determine if regions with higher population density have more vehicle thefts.

5. Which colors of vehicles are stolen most frequently?
   - Insight: Identify the most commonly stolen vehicle colors to see if there is a preference among thieves.

6. What are the trends in vehicle thefts over time (e.g., monthly, yearly)?
   - Insight: Analyze the date_stolen field to identify any seasonal patterns or trends over the years.

7. How do the theft rates of standard vs. luxury makes compare?
   - Insight: Compare the theft rates between standard and luxury vehicle makes to see if one category is targeted more frequently.

8. Which regions have the highest density of vehicle thefts relative to their population?
   - Insight: Calculate the theft rate per capita to identify regions with disproportionately high vehicle thefts.

9. What are the common descriptions of stolen vehicles?
   - Insight: Summarize the vehicle_desc field to find common features or descriptions that might be linked to higher theft risk.

10. How do the theft rates of vehicles vary by vehicle type and model year within specific regions?
    - Insight: Conduct a detailed analysis of vehicle types and model years stolen in different regions to identify any regional preferences or patterns.