**Car Sales Project Queries with Code**

**1. What is the total number of cars sold?**

select count(\*) as total\_nof\_cars\_sold

from vehicles;

**2. How many cars were sold each month/quarter/year?-------Monthly output**

SELECT

DATE\_FORMAT(saledate, '%Y-%m') AS month,

COUNT(\*) AS cars\_sold

FROM vehicles

GROUP BY month

ORDER BY month;

**3. Which car models are the best sellers?**

SELECT

model,

COUNT(\*) AS bestseller\_model\_units

FROM vehicles

GROUP BY model

ORDER BY bestseller\_model\_units DESC limit 5;

**4. Total revenue onm the basis of Year**

call GetTotalSalesByYear(2012);

**5. Which manufacturer sold the most cars?**

SELECT

make,

COUNT(\*) AS cars\_sold

FROM vehicles

GROUP BY make

ORDER BY cars\_sold DESC LIMIT 1;

**6. What are the most popular body types (e.g., sedan, SUV, truck)?**

SELECT

body,

COUNT(\*) AS count\_bodytypes

FROM vehicles

GROUP BY body

ORDER BY count\_bodytypes DESC limit 10;

**7. What are the most popular car colors?**

SELECT

color,

COUNT(\*) AS popular\_color

FROM vehicles

GROUP BY color

ORDER BY popular\_color DESC limit 5;

**8. Which body types are most popular for each model?**

SELECT

model,

body,

COUNT(\*) AS popular\_bodytypes\_foreachmodel

FROM vehicles

GROUP BY model, body

ORDER BY model, popular\_bodytypes\_foreachmodel DESC limit 5;

**9. What are the most popular colors for each manufacturer?**

SELECT

make,

color,

COUNT(\*) AS popular\_color\_manuf

FROM vehicles

GROUP BY make, color

ORDER BY make, popular\_color\_manuf DESC limit 5;

**10. What are the most popular interior features among sold cars?**

SELECT

interior,

COUNT(\*) AS most\_popular\_interior

FROM vehicles

GROUP BY interior

ORDER BY most\_popular\_interior DESC limit 10;

SET SQL\_SAFE\_UPDATES = 0;

UPDATE vehicles

SET interior = REPLACE(interior, '—', 'yellow')

WHERE interior LIKE '%--%';