

CAR DEKHO

----- Marketing Analysis -----

1). Evolution of Number of Cars Listed Over the Years?

Query:

```
SELECT year, COUNT(*) AS num_cars_listed
FROM car_dekho
GROUP BY year
ORDER BY num_cars_listed DESC;
```

Result:

	year	num_cars_listed
▶	2017	1010
	2016	856
	2018	806
	2015	775
	2013	668
	2012	621
	2014	620
	2019	583
	2011	570
	2010	375
	2009	231

2). Trend in Selling Prices Over the Years?

Query:

```
SELECT year,
       (SELECT AVG(selling_price)
        FROM car_dekho AS sub
        WHERE sub.year = main.year) AS avg_selling_price
FROM (SELECT DISTINCT year FROM car_dekho) AS main
ORDER BY year;
```

Result:

	year	avg_selling_price
▶	1994	72000.0000
	1995	55000.0000
	1996	41000.0000
	1997	86111.0000
	1998	57888.8889
	1999	76928.5714
	2000	76682.1250
	2001	46500.0000
	2002	103789.4211
	2003	101572.9189
	2004	109408.9216

3). Patterns in Distribution of Cars Based on Fuel Type Over Time?

Query:

```
SELECT year, fuel, num_cars
FROM (
    SELECT year, fuel, COUNT(*) AS num_cars
    FROM car_dekho
    GROUP BY year, fuel
) AS subquery
ORDER BY year, fuel;
```

Result:

	year	fuel	num_cars
▶	1994	Diesel	1
	1994	Petrol	1
	1995	Petrol	1
	1996	Petrol	2
	1997	Petrol	9
	1998	Petrol	9
	1999	Diesel	3
	1999	Petrol	11
	2000	CNG	1
	2000	Diesel	3
	2000	Petrol	12

4). Variation in Distribution of Cars Based on Seller Type Across Different Years?

Query:

```
SELECT year, seller_type,
       COUNT(*) OVER(PARTITION BY year, seller_type) AS num_cars
FROM car_dekho
ORDER BY year, seller_type;
```

Result:

[illegible]

