AXON-CLASSIC CARS SALES SQL QUERIES
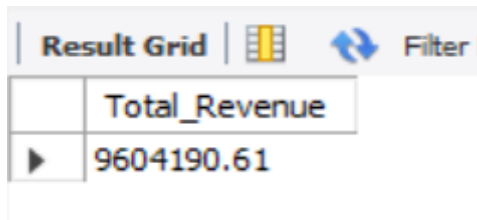
- **TOTAL REVENUE:**
  select SUM(quantityOrdered*priceEach) as Total_Revenue from orderdetails;
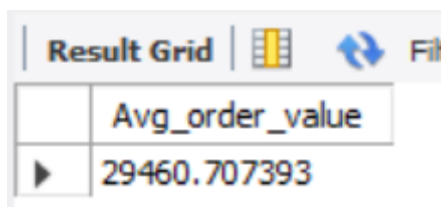
Total_Revenue
9604190.61

- **AVERAGE ORDER VALUE:**
  select SUM(quantityOrdered*priceEach)/COUNT(distinct orderNumber) as Avg_order_value from orderdetails;
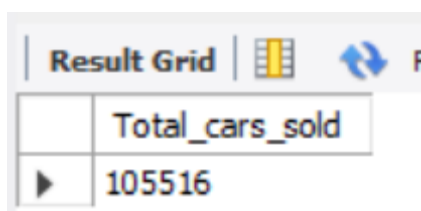
Avg_order_value
29460.707393

- **TOTAL CARS SOLD:**
  select SUM(quantityOrdered) as Total_cars_sold from orderdetails;

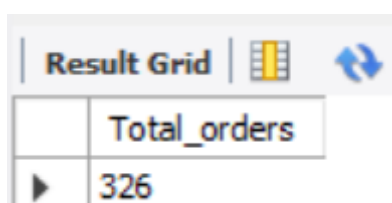| Total_cars_sold |
|---|
| 105516 |

- **TOTAL ORDERS:**
  select COUNT(distinct orderNumber) as Total_orders from orderdetails;

Total_orders
326

- **CUSTOMER DISTRIBUTION BY COUNTRY:**
  select country, count(*) as customer_count from customers group by country
  order by customer_count desc;

country	customer_count
USA	36
Germany	13
France	12
Spain	7
Australia	5
UK	5

- **MONTHLY TREND FOR TOTAL ORDERS:**
  select DATE_FORMAT(orderDate, '%m') as month, count(*) as total_orders
  from orders group by month order by month;

month	total_orders
01	25
02	26
03	27
04	29
05	29
06	19

- **PERCENTAGE OF SALES BY PRODUCTLINE CATEGORY:**
  select productLine, SUM(quantityOrdered*priceEach)*100/(select
  SUM(quantityOrdered*priceEach)
  from orderdetails) from orderdetails inner join products on orderdetails.productCode=
  products.productCode group by productLine;

Result Grid	Filter Rows:	Export:
productLine	SUM(quantityOrdered*priceEach)*100/ (select SUM(quantityOrdered*priceEach) from orderdetails)	
Classic Cars	40.127509	
Motorcycles	11.676425	
Planes	9.939802	
Ships	6.913631	

- **TOP 5 PRODUCTS BY REVENUE:**
  select productName, SUM(quantityOrdered*priceEach) as Total_Revenue
  from products inner join orderdetails on products.productCode=orderdetails.productCode
  group by productName order by Total_Revenue desc limit 5;

productName	Total_Revenue
1992 Ferrari 360 Spider red	276839.98
2001 Ferrari Enzo	190755.86
1952 Alpine Renault 1300	190017.96
2003 Harley-Davidson Eagle Drag Bike	170686.00
1968 Ford Mustang	161531.48

- **BOTTOM 5 PRODUCTS BY REVENUE:**
  select productName, SUM(quantityOrdered*priceEach) as Total_Revenue from products
  inner join orderdetails on products.productCode=orderdetails.productCode
  group by productName order by Total_Revenue asc limit 5;

productName	Total_Revenue
1939 Chevrolet Deluxe Coupe	28052.94
1936 Mercedes Benz 500k Roadster	29763.39
1982 Lamborghini Diablo	30972.87
1958 Chevy Corvette Limited Edition	31627.96
1982 Ducati 996 R	33268.76

- **TOP 5 PRODUCTS BY QUANTITY:**
  select productName, SUM(quantityOrdered) as Total_Quantity from products inner join
  orderdetails on products.productCode=orderdetails.productCode group by productName
  order by Total_Quantity desc limit 5;

productName	Total_Quantity
1992 Ferrari 360 Spider red	1808
1937 Lincoln Berline	1111
American Airlines: MD-11S	1085
1941 Chevrolet Special Deluxe Cabriolet	1076
1930 Buick Marquette Phaeton	1074

- **BOTTOM 5 PRODUCTS BY QUANTITY:**
  select productName, SUM(quantityOrdered) as Total_Quantity from products inner join orderdetails on products.productCode=orderdetails.productCode group by productName order by Total_Quantity asc limit 5;

productName	Total_Quantity
1957 Ford Thunderbird	767
1970 Chevy Chevelle SS 454	803
1936 Mercedes Benz 500k Roadster	824
1911 Ford Town Car	832
1999 Indy 500 Monte Carlo SS	855