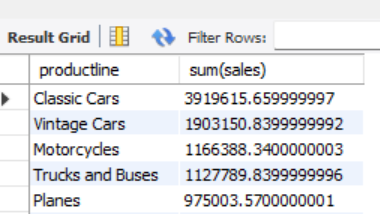
**SALES DATA MySQL QUERIES**

**A ->Problem Statement:**

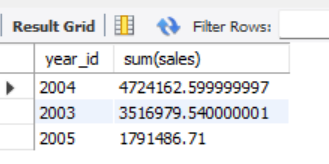
1. **Sales by Productline:**

**->** select productline ,sum(sales) from sales\_data group by productline order by sum(sales) desc;

****

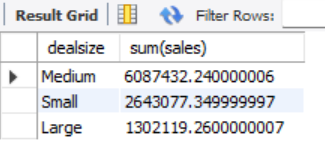
**2. Sales by Year:**

-> select year\_id , sum(sales) from sales\_data group by year\_id order by sum(sales) desc;



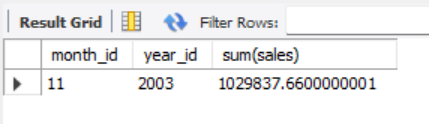
1. **Sales by Dealsize:**

**->** select dealsize , sum(sales) from sales\_data group by dealsize order by sum(sales) desc ;

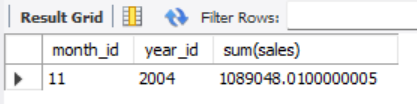
****

1. **Best Month For Sale Per Year:**

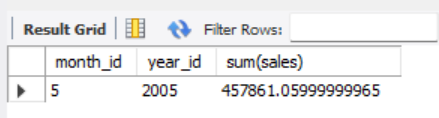
**->** select month\_id , year\_id, sum(sales) from sales\_data where year\_id = 2003 group by month\_id , year\_id order by sum(sales) desc limit 1 ;



**->** select month\_id , year\_id, sum(sales) from sales\_data where year\_id = 2004 group by month\_id , year\_id order by sum(sales) desc limit 1 ;



**->** select month\_id , year\_id, sum(sales) from sales\_data where year\_id = 2005 group by month\_id , year\_id order by sum(sales) desc limit 1 ;



1. **Top 3 Customers On The Basis of Sales as per productline:**

**->** with

cte as

(select productline , customername, sum(sales) "total\_sales" from sales\_data group by productline , customername)

select \* from (select \*, row\_number() over (partition by productline order by total\_sales desc) "top3\_customers" from cte) A

where top3\_customers<= 3;



1. **Top 3 Customers on the Basis of Frequency according to Productline:**

**->**