

H A P P Y

*Valentine's
Day*

1. Retrieve the total number of sales made in each country.

```
select country_name, count(*) as total_sale  
from countries c  
inner join sales s  
on c.country_id = s.country_id  
group by country_name;
```



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2. Calculate the total revenue generated by each brand.

```
select p.brand, sum(s.revenue) as total_revenue  
from products p  
join sales s  
on p.product_id = s.product_id  
group by p.brand  
order by total_revenue desc;
```



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3. Find the product with the highest average revenue per sale?

```
select p.product_name, avg(s.revenue)as avg_revenue  
from products p  
join sales s  
on p.product_id = s.product_id  
group by p.product_name  
order by 2 desc  
limit 1;
```



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4. Find the product with the highest total revenue?

```
select p.product_name,  
sum(s.revenue) as total_revenue  
from products p  
inner join sales s  
on p.product_id = s.product_id  
group by 1  
order by 2 desc  
limit 1
```



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5. Determine the month with the highest total revenue across all sales?

```
select extract(month from sale_date) as month,  
sum(revenue) as total_revenue  
from sales  
group by 1  
order by 2 desc  
limit 1
```



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6. Calculate the average quantity sold and revenue per sale.

```
select round(avg(quantity_sold), 2) as avg_quantity,  
round(avg(revenue), 2) as avg_revenue  
from sales;
```



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7. Retrieve the total revenue generated on a specific date.

```
select sum(revenue) as total_revenue  
from sales  
where sale_date = '2024-02-14';
```



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THANK
YOU



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