

VALENTINE'S DAY CHOCOLATE SALES-SQL Case Study

THE 2024 MOST POPULAR Valentine's Candy





Challenge

challenge is to craft SQL queries to extract insights from
the total chocolate sales on valentine's day



Tables

- 1)countries
- 2)products
- 3)sales

1)Find the product with the highest average revenue per sale?

The screenshot shows a MySQL query editor interface with the following details:

Toolbar: Includes icons for file operations (New, Open, Save, Print, Find, Copy, Paste, Undo, Redo), a search bar, and a "Limit to 50000 rows" dropdown.

Code Area: Displays the SQL query:203 #1)Find the product with the highest average revenue per sale?
204 • select product_name , avg(revenue) as highest_average_revenue from products
205 inner join sales
206 on
207 products.product_id=sales.sale_id
208 group by product_name
209 order by highest_average_revenue desc
210 limit 1;
211

Result Grid: Shows the output of the query:| | product_name | highest_average_revenue |
| --- | --- | --- |
| ▶ | Cadbury Dairy Milk Silk Oreo Red Velvet | 1000.000000 |

2)Find the product with the highest total revenue?

The screenshot shows a MySQL query editor interface. At the top, there is a toolbar with various icons for database management. Below the toolbar, the query text is displayed:

```
212      #2)Find the product with the highest total revenue?  
213 •      select product_name , sum( revenue) as highest_total_revenue from products  
214      inner join sales  
215      on  
216      products.product_id=sales.sale_id  
217      group by product_name  
218      order by highest_total_revenue desc  
219      limit 1;  
220
```

Below the query text, there is a toolbar with buttons for Result Grid, Filter Rows, Export, Wrap Cell Content, and Fetch rows. The Result Grid section shows the following table:

	product_name	highest_total_revenue
▶	Cadbury Dairy Milk Silk Hazelnut	1150.00

3)Determine the month with the highest total revenue across all sales?

```
221      #3)Determine the month with the highest total revenue across all sales?  
222 • select month(sale_date) , sum(revenue) as total_revenue from sales  
223     group by month(sale_date)  
224     order by total_revenue desc  
225     limit 1;  
226  
227
```

	month(sale_date)	total_revenue
▶	2	25925.00



Thank You

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