

VALENTINES DAY CHOCOLATE SALES



SQL challenge

@Digits n Data

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TABLES

Tables



countries



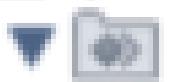
Columns

◆ **country_id**

◆ **country_name**



products



Columns

◆ **product_id**

◆ **product_name**

◆ **brand**



sales



Columns

◆ **sale_id**

◆ **product_id**

◆ **country_id**

◆ **sale_date**

◆ **quantity_sold**

◆ **revenue**

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

```
• SELECT Product_name, AVG_Revenue FROM
  (
    SELECT P.Product_name
      ,round(AVG(S.revenue),0) as AVG_Revenue
      ,DENSE_RANK() OVER ( order by round(AVG(S.revenue),0) desc) as Rev_rank
    from products P join
    sales S using (product_id )
    group by P.Product_name
  ) X
  where Rev_rank = 1 ;
```



Product_name	AVG_Revenue
M&M's	1000
Cadbury Dairy Milk Miniatures	1000
Cadbury Dairy Milk Silk Oreo Red Velvet	1000
Lindt Excellence	1000
Nestlé Toll House Chocolate Chips	1000
Cadbury Bournvita	1000

2) Find the product with the highest total revenue?

```
1 •  SELECT Product_name, T_Revenue FROM
2   (
3     SELECT P.product_name
4       ,round(sum(S.revenue),0) as T_Revenue
5       ,DENSE_RANK() OVER( order by round(sum(S.revenue),0) desc) as Rev_rank
6   FROM products P join
7     sales S using (product_id )
8   group by P.product_name
9   ) X
0   where Rev_rank = 1;
```



	Product_name	T_Revenue
▶	Cadbury Dairy Milk Silk Hazelnut	1150

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

```
1 • SELECT
2     EXTRACT(MONTH FROM sale_date) AS month,
3     SUM(revenue) AS total_revenue
4 FROM Sales
5 GROUP BY
6     EXTRACT(MONTH FROM sale_date)
7 ORDER BY total_revenue DESC;
```



	month	total_revenue
▶	2	25925.00