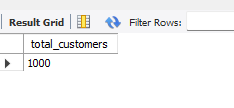
SUPERMARKET SALES SQL QUERIES

* KPI

1. The total Customers the data have

Select count(distinct Invoice\_ID) as total\_customers

from supermarket\_sales\_dup

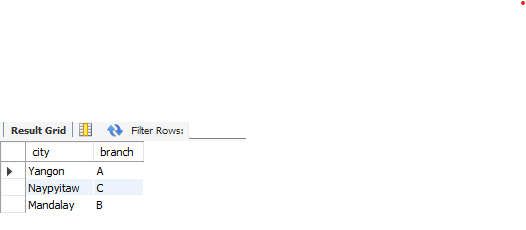
;

1. How many unique Cities, Branch does the data have?

Select

distinct city, branch from

supermarket\_sales\_dup;



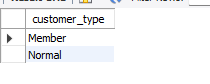
1. How many unique Customer type does the data have?

Select

distinct customer\_type

from

supermarket\_sales\_dup;

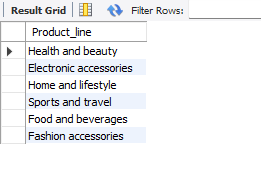


1. How many unique Product line does the data have

Select distinct Product\_line

from

supermarket\_sales\_dup;



1. What is the most common payment method?

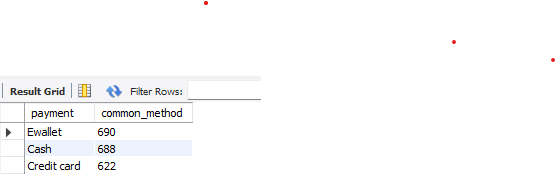
SELECT DISTINCT payment,

COUNT(\*) AS common\_method

FROM supermarket\_sales\_dup

GROUP BY payment

ORDER BY common\_method DESC;



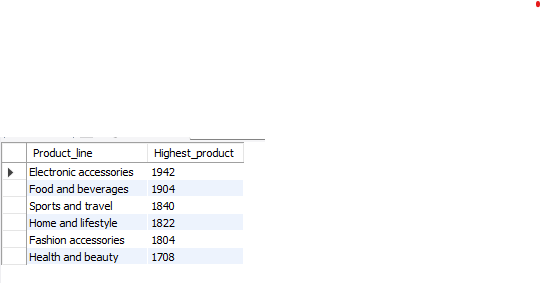
* Business Key Problems and Answers
* What is the most selling product line

SELECT DISTINCT Product\_line, sum(Quantity) AS Highest\_product

FROM supermarket\_sales\_dup

GROUP BY Product\_line

ORDER BY Highest\_product DESC;



* What product line had the largest revenue

SELECT DISTINCT

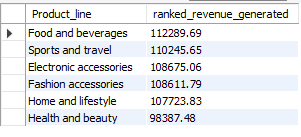
Product\_line, round(Sum(Total),2) AS ranked\_revenue\_generated

FROM

supermarket\_sales\_dup

GROUP BY Product\_line

ORDER BY ranked\_revenue\_generated DESC;



* What is the total transactions made by each gender in each product line

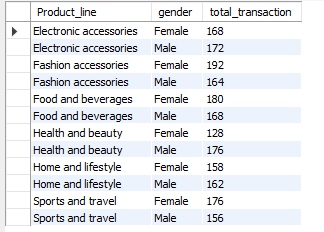
Select Product\_line, gender,

count(\*) AS total\_transaction

FROM supermarket\_sales\_dup

GROUP BY Product\_line,gender

ORDER BY 1;



* Find the top 5 customers with the highest total sale

Select invoice\_id ,

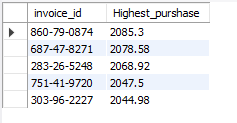
sum(total) as Highest\_purshase

from supermarket\_sales\_dup

group by invoice\_id , total

order by Highest\_purshase desc

limit 5;



* Find the distinct customers who purchased from each product line

Select distinct Product\_line,

count(Invoice\_ID)as Num\_Purchased

from supermarket\_sales\_dup

group by Product\_line

order by Num\_Purchased;

