**WALMART SALES SQL QUERIES**

1. The total revenue generated

SELECT ROUND(sum(total), 2) AS revenue

FROM walmart\_sales;



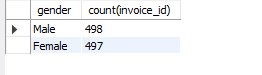
1. How many customers are there in terms of gender

select gender,

count(invoice\_id)

from walmart\_sales

group by gender;



1. Revenue generated per branch

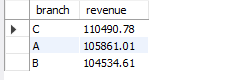
SELECT branch,

round(sum(total), 2) AS revenue

FROM walmart\_sales

GROUP BY branch

ORDER BY revenue desc;



1. Revenue generated by each product line

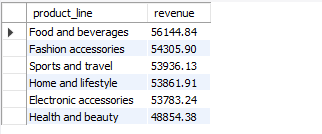
SELECT product\_line,

round(sum(total), 2) AS revenue

FROM walmart\_sales

GROUP BY product\_line

ORDER BY revenue desc;



1. Number of products sold

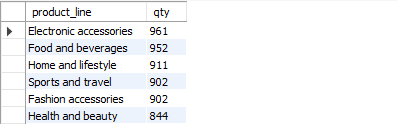
SELECT product\_line,

sum(quantity) as qty

FROM walmart\_sales

GROUP BY product\_line

ORDER BY qty DESC;

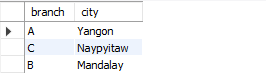


1. The different branches and where they are located

SELECT DISTINCT branch,

city

from walmart\_sales;



1. The most preferred payment method by customers

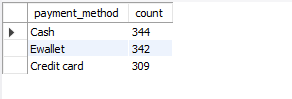
select payment\_method,

count(1) as count

from walmart\_sales

group by payment\_method

order by count desc;



1. Percentage of revenue generated per product line

select product\_line,

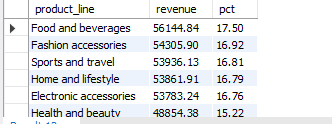
round(sum(total), 2) as revenue,

CAST(SUM(total) \* 100 / (select sum(total) from walmart\_sales) as DECIMAL(10, 2) ) as pct

from walmart\_sales

group by product\_line

order by revenue desc;

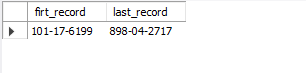


1. Display the first and the last record of the database

SELECT MIN(invoice\_id) as firt\_record,

MAX(invoice\_id) as last\_record

FROM walmart\_sales;



1. arange your database according to department and order by unit price

select w.invoice\_id,

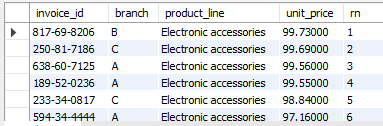
w.branch,

w.product\_line,

w.unit\_price,

ROW\_NUMBER () over(PARTITION BY product\_line order by unit\_price desc) as rn

from walmart\_sales w;



1. most sought after product line according to gender

select gender,

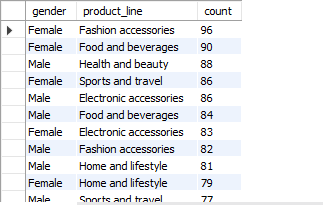
product\_line,

count(product\_line) as count

from walmart\_sales

group by gender, product\_line

order by count desc;



In this case fashion accessories are bought mostly by female customers…