KPI pour le secteur logistique

**1.Taux de livraison** :

WITH no\_shipped AS (

SELECT COUNT(\*)

FROM orders

WHERE `status` != 'Shipped'

),

shipped AS (

SELECT SUM(shippedDate)

FROM orders

WHERE `status` = 'Shipped'

)

SELECT orderNumber,

orderDate,

requiredDate,

shippedDate,

`status`,

comments,

shippedDate-requiredDate AS delais,

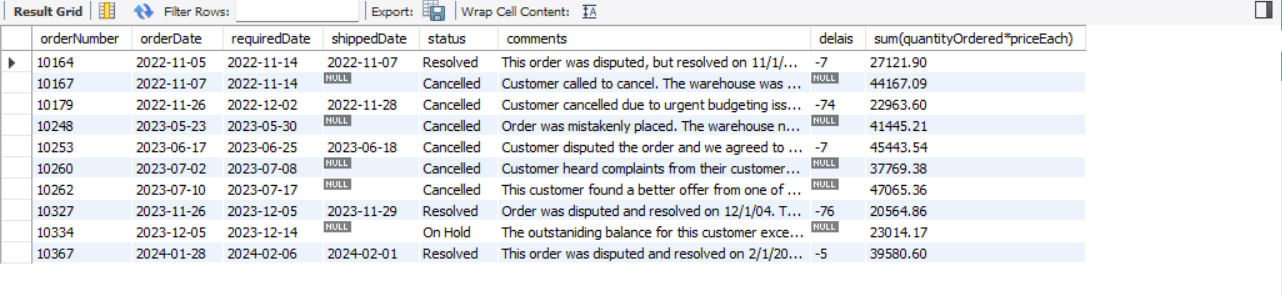
sum(quantityOrdered\*priceEach)

FROM orders

JOIN orderdetails USING (orderNumber)

WHERE `status` != 'Shipped'

GROUP BY orderNumber, orderDate, shippedDate, `status`, comments, delais;



**2. Le ratio du stock 2023**

WITH stock2023 AS (

SELECT productName,

quantityInstock AS stock\_act,

round(quantityinstock \* 365 / sum(quantityOrdered) ) as ratio\_stock,

sum(quantityOrdered) as total\_ordered\_each\_product2023

FROM products

INNER JOIN orderdetails USING(productcode)

INNER JOIN orders USING (orderNumber)

WHERE orderDate BETWEEN '2023-03-04' AND '2024-03-04'

GROUP BY productName,quantityInstock

),

Inventory\_value AS (

SELECT productName,quantityInstock\*buyprice AS value\_stock

FROM products

)

SELECT

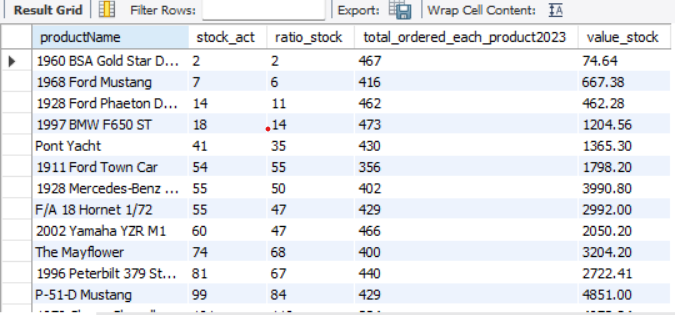
stock2023.\*,

Inventory\_value.value\_stock

FROM stock2023

JOIN Inventory\_value USING (productName)

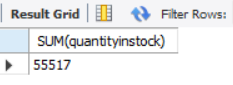
ORDER BY stock\_act;



SELECT SUM(quantityinstock)

from products;

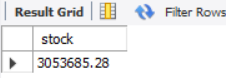
stock total



SELECT SUM(quantityInStock \* buyPrice) AS stock

FROM products;

le coût du stock total



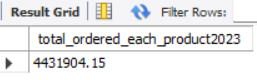
SELECT sum(quantityOrdered \* priceEach) as total\_ordered\_each\_product2023

FROM orderdetails

INNER JOIN orders USING (orderNumber)

WHERE orderDate BETWEEN '2023-01-01' AND '2023-12-31';

le CA du 2023



Donc le stock de le coût du stock actuel est 3053685.28 euros qui est représenté 31% de CA du 2023.

**3.CA par office par pays**

WITH country\_employee AS (

SELECT lastname, firstname,officeCode, jobtitle, city, country, employeeNumber

FROM employees

INNER JOIN offices USING (officecode)

),

ca\_2023 AS (

SELECT customerName, city, country,salesRepEmployeeNumber, sum(quantityOrdered\*priceEach) AS ca

FROM customers

JOIN orders USING(customerNumber)

JOIN orderdetails USING(orderNumber)

GROUP BY customerName, city, country,salesRepEmployeeNumber

ORDER BY customerName

)

SELECT country\_employee.lastname, country\_employee.firstname, country\_employee.officeCode, country\_employee.jobtitle, country\_employee.city, country\_employee.country,

ca\_2023.ca

FROM country\_employee

INNER JOIN ca\_2023 ON country\_employee.employeeNumber=ca\_2023.salesRepEmployeeNumber

ORDER BY ca DESC, country\_employee.country;

