**SUPER MARCKET SALES SQL QUERIES**

**Show data in table.**

select \* from supermarket\_sales

**KPI’S**

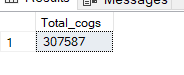
**Total sales price**

select round(sum(Total),0) as Total\_sales\_price from supermarket\_sales

****

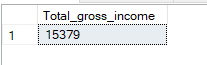
**Cogs**

select round(sum(cogs),0) as Total\_cogs from supermarket\_sales



**Total gross income**

select round(sum(gross\_income),0) as Total\_gross\_income from supermarket\_sales

****

**average Gross margin percentage**

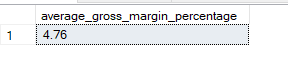
select round(avg(Gross\_margin\_percentage),2) as average\_gross\_margin\_percentage from supermarket\_sales

****

*If we need to add filters here, we can use “where” clause.*

select round(avg(Gross\_margin\_percentage),2) as average\_gross\_margin\_percentage from supermarket\_sales

where Branch = 'A'

**

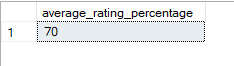
**Ratings**

select round(avg(rating),2) as average\_rating from supermarket\_sales

******

**Average rating percentage**

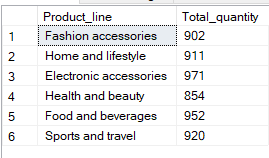
select round((sum(rating)/count(invoice\_ID))\*10,0) as average\_rating\_percentage from supermarket\_sales

****

**Product line by quantity**

select Product\_line ,sum(quantity) as Total\_quantity from supermarket\_sales

Group by Product\_line



*If we need get product line by quantity in each branch****,***

select Product\_line ,sum(quantity) as Total\_quantity from supermarket\_sales

where Branch = 'A'

Group by Product\_line

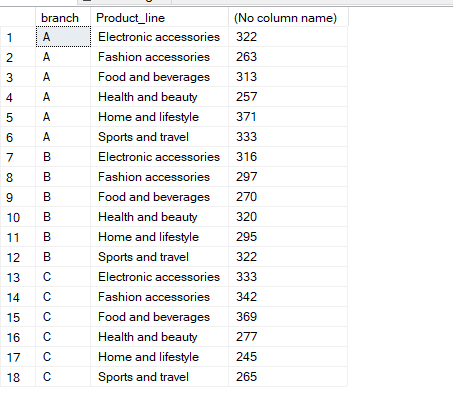


select branch,Product\_line , sum(Quantity)from supermarket\_sales

where Branch in ('A','B','C')

group by Product\_line , Branch

order by branch

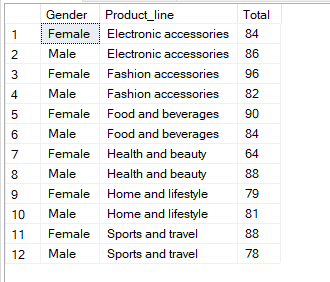
******

**Product line by Gender**

select Gender ,Product\_line ,count(Gender) as Total from supermarket\_sales

group by Product\_line ,Gender

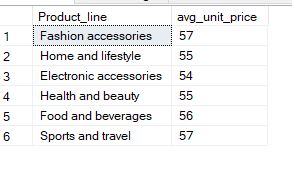
order by Product\_line ,Gender



**Product line by average unit price**

select Product\_line , round(avg(unit\_price),0) as avg\_unit\_price from supermarket\_sales

group by Product\_line

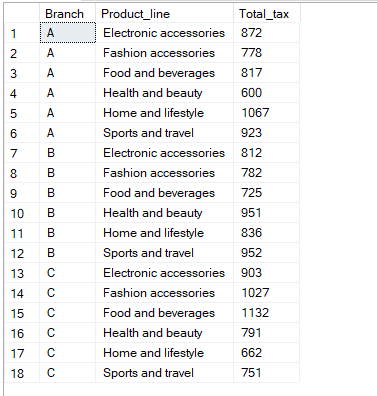


**Tax by branch**

select Branch ,Product\_line , round(sum(tax),0) as Total\_tax from supermarket\_sales

group by Branch,Product\_line

order by Branch

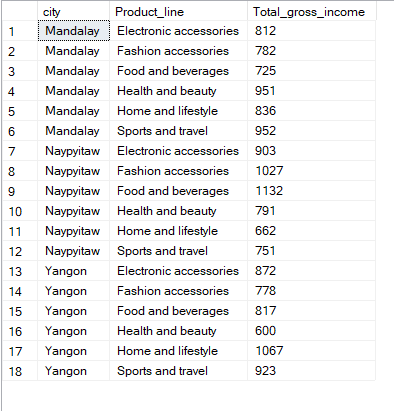
****

**product line by total gross income in each city**

select city , Product\_line , round(sum(gross\_income),0) as Total\_gross\_income from supermarket\_sales

group by Product\_line , city

order by city



**month wise total sales price, total gross income, total quantity**

select datename(month,Date) as Sales\_month ,

round(sum(Total),0) as Total\_sales\_price ,

round(sum(gross\_income),0) as total\_gross\_income ,

sum(Quantity) as total\_quantity from supermarket\_sales

group by datename(month,Date)

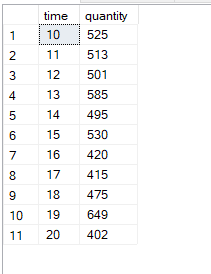


**Quantity by time**

select datepart(hour , time) as time , sum(Quantity) as quantity from supermarket\_sales

group by datepart(hour , time)

order by datepart(hour , time)

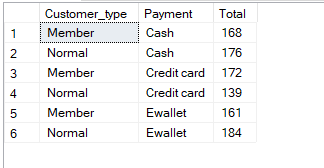


**customer type by payment method**

select Customer\_type , Payment , count(Payment) as Total from supermarket\_sales

group by Customer\_type , Payment

order by Payment



select Payment ,count(Payment) as total from supermarket\_sales

group by Payment

