-- database Creation

Create database walmart\_sales;

use walmart\_sales;

-- data table import using csv

select \* from sales;

-- data processing

-- Adding new column time of the day

set sql\_safe\_updates =0;

alter table sales add column time\_of\_day varchar(20);

update sales

set time\_of\_day =

case

when time between '00:00:00' and '12:00:00' then 'Morning'

when time between '00:01:00' and '16:00:00' then 'AfterNoon'

else 'Evening'

end;

-- adding new column dayname

alter table sales add column day\_name varchar(20);

update sales

set day\_name = dayname(date);

-- adding new column monthname

alter table sales add column month\_name varchar(20);

update sales

set month\_name = monthname(date);

-- business questions

-- total number of cities

select count(distinct city) from sales;



-- number of brunches in each city

select city, count(branch)

from sales

group by city;



-- KPI

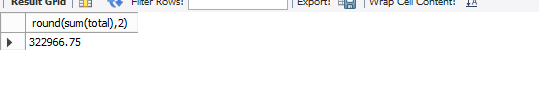
-- total quantity Sales

select sum(quantity) from sales;



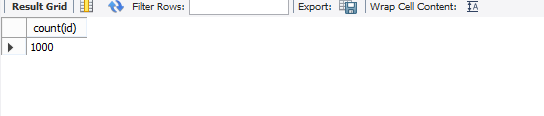
-- total income

select round(sum(total),2) from sales;



-- total records

select count(id) from sales;



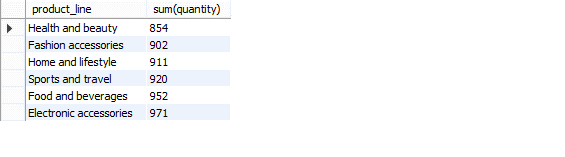
-- total quanity sales

select product\_line, sum(quantity)

from sales

group by product\_line

order by sum(quantity);



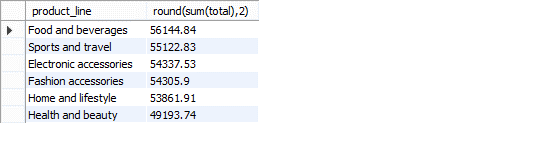
-- total revenue

select product\_line, round(sum(total),2)

from sales

group by product\_line

order by sum(total) desc;



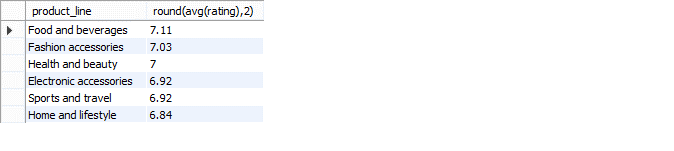
-- rating of the products

select product\_line, round(avg(rating),2)

from sales

group by product\_line

order by avg(rating) desc;



-- sale day

select day\_name, sum(quantity)

from sales

group by day\_name

order by sum(quantity) desc;



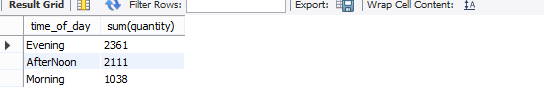
-- sale time

select time\_of\_day, sum(quantity)

from sales

group by time\_of\_day

order by sum(quantity) desc;



-- payment method

select payment, count(payment)

from sales

group by payment

order by count(payment) desc;

