# Business question 1

select distinct(p.product\_name), f.product\_code, f.base\_price, f.promo\_type

from dim\_products as p

inner join fact\_events as f

on p.product\_code = f.product\_code

where base\_price > 500 && promo\_type= 'BOGOF'

order by product\_name;

# 

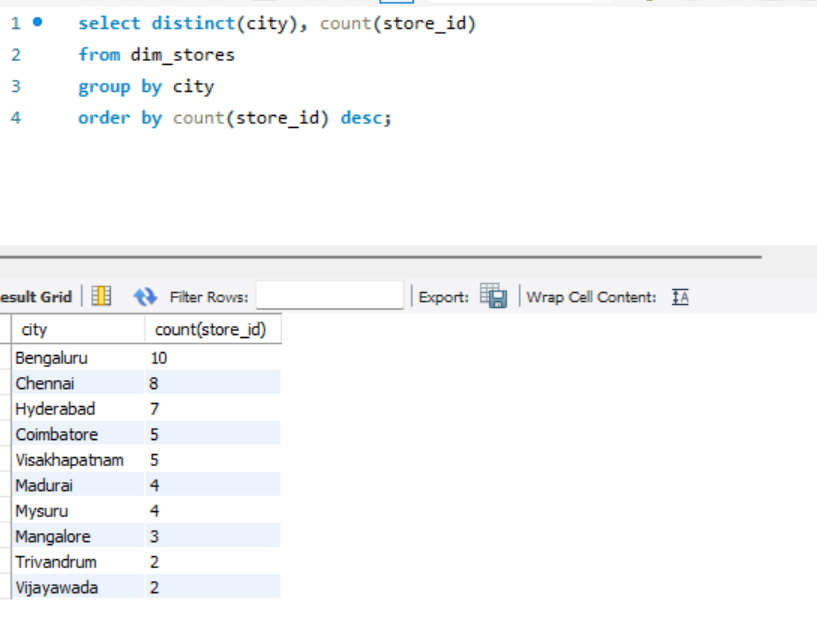
# Business question 2

select distinct(city), count(store\_id)

from dim\_stores

group by city

order by count(store\_id) desc;



# Business question 3

select campaign\_name,

concat(format(sum(base\_price\*quantity\_sold\_before\_promo)/1000000,2), 'M') AS total\_revenue\_before\_promo,

concat(format(SUM(quantity\_sold\_before\_promo \* base\_price) / 1000000, 2), 'M') AS total\_revenue\_after\_promo

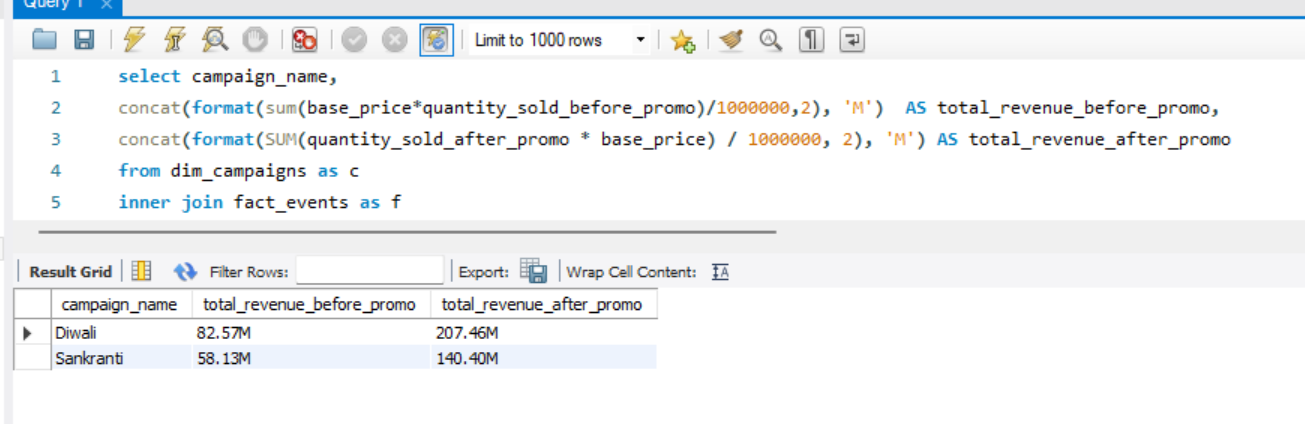
from dim\_campaigns as c

inner join fact\_events as f

on c.campaign\_id = f.campaign\_id

group by campaign\_name

order by campaign\_name asc;



# Business question 4

select category,

round((((sum(quantity\_sold\_after\_promo) - sum(quantity\_sold\_before\_promo))/sum(quantity\_sold\_before\_promo))\*100), 2) AS ISU\_Percent,

rank() over (order by((((sum(quantity\_sold\_after\_promo) - sum(quantity\_sold\_before\_promo))/sum(quantity\_sold\_before\_promo))\*100)) desc)

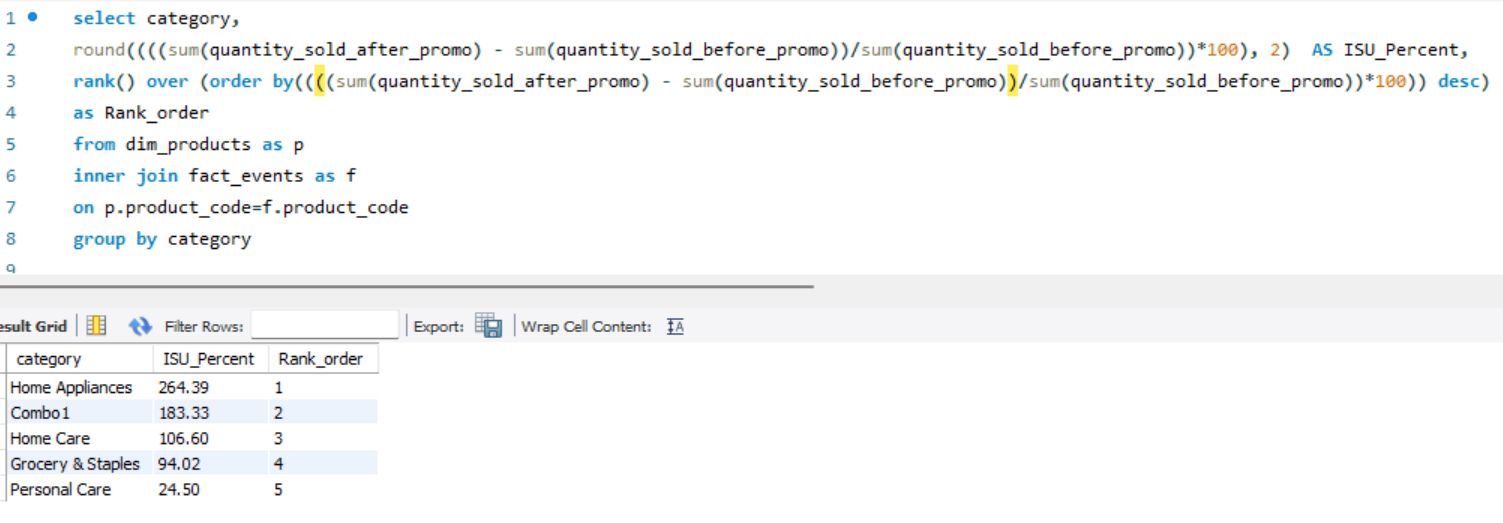
as Rank\_order

from dim\_products as p

inner join fact\_events as f

on p.product\_code=f.product\_code

group by category



# Business question 5

Select product\_name, category,

Round((((SUM(quantity\_sold\_after\_promo \* base\_price) - SUM(quantity\_sold\_before\_promo \* base\_price))

/ SUM(quantity\_sold\_before\_promo \* base\_price))\*100), 2) As IR\_PERCENTAGE

from dim\_products as p

Inner Join fact\_events as f

on p.product\_code = f.product\_code

Group By p.product\_name, p.category

Order By IR\_PERCENTAGE desc

Limit 5;

