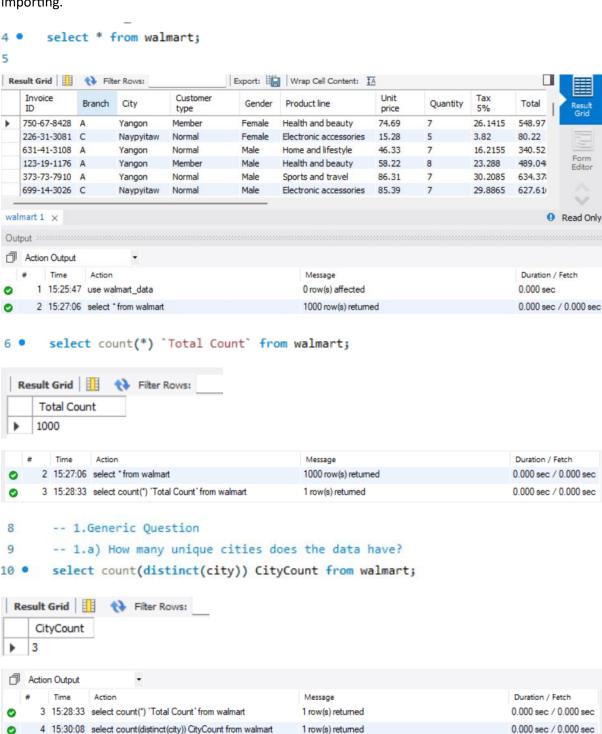
Walmart Data Analysis using MySQL

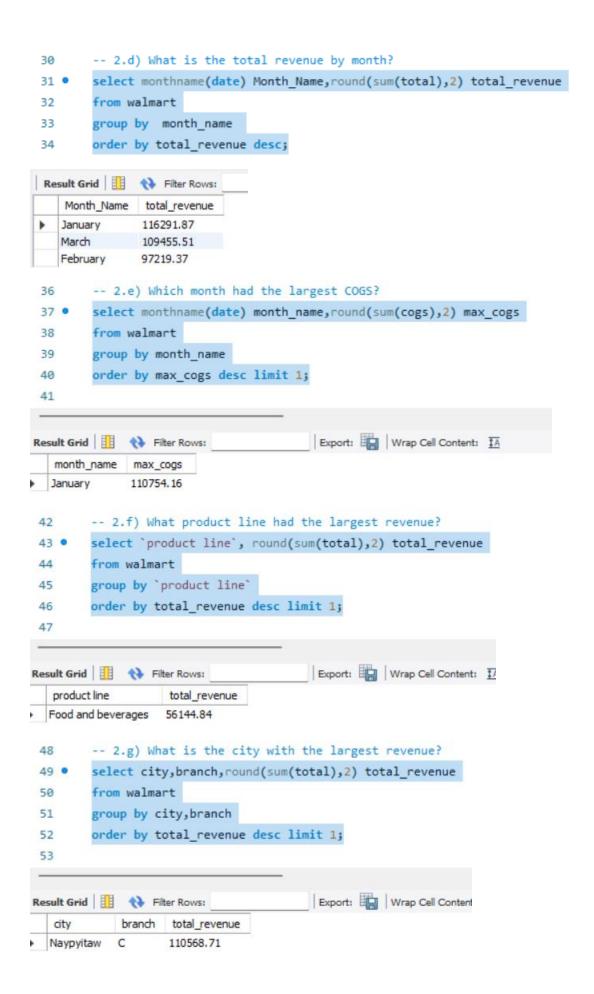
3 • use walmart_data;

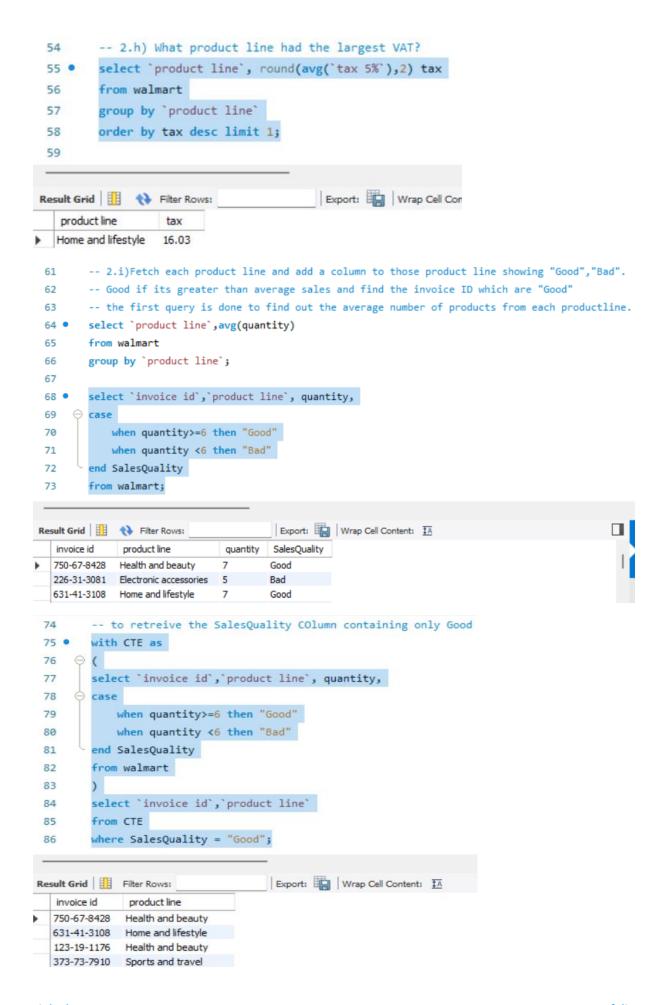


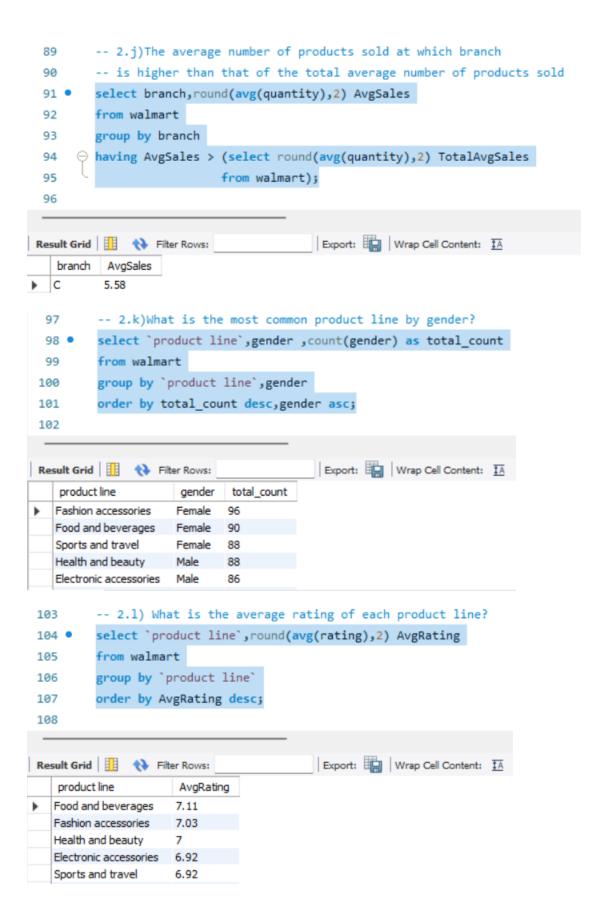
The data has been imported through table import wizard and the data type has been check before importing.

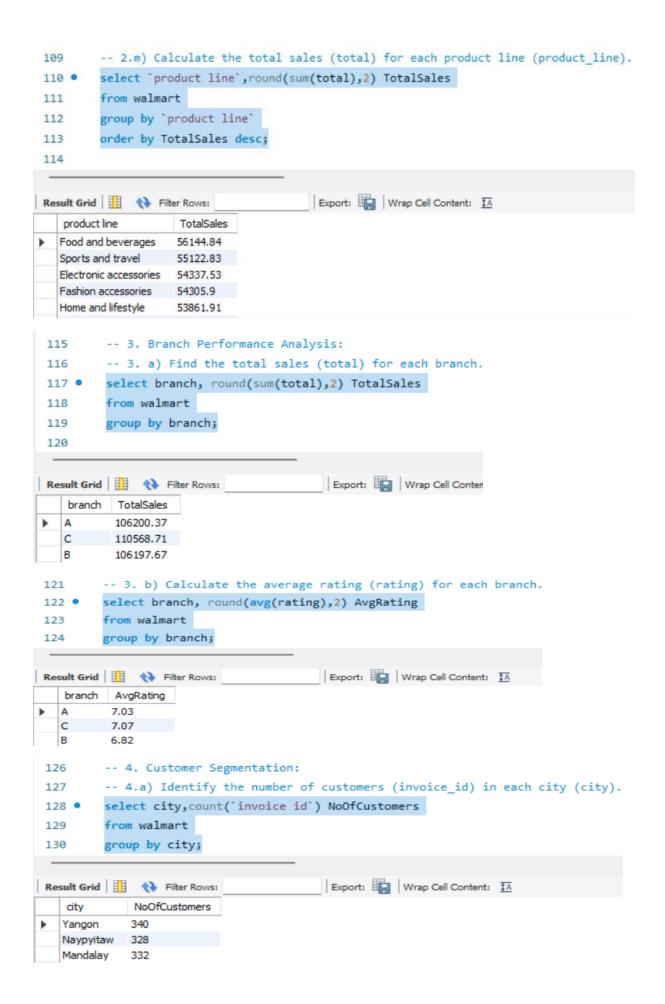


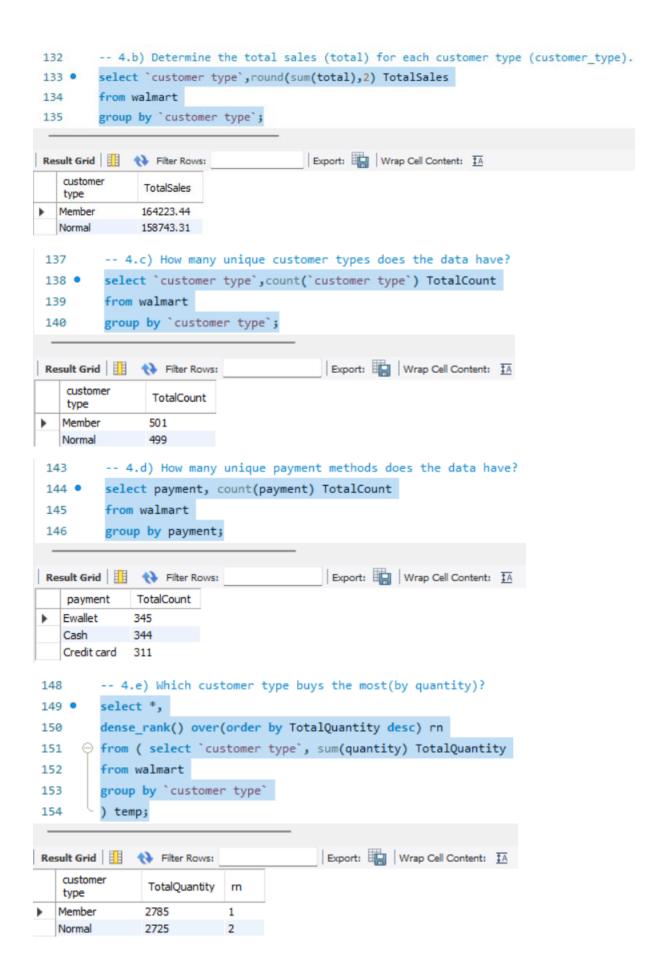
```
-- 1.b) In which city, each branch is located?
12
       select distinct(branch), city
13 •
14
       from walmart
       order by branch, city;
15
branch city
   Α
         Yangon
   В
         Mandalay
   C
         Naypyitaw
        -- 2.Product
17
        -- 2.a) How many unique product lines does the data have?
18
 19 •
        select count(distinct(`product line`)) UniqueProductLine
 20
        from walmart;
 UniqueProductLine
▶ 6
       -- 2.b) What is the most common payment method?
22
       select max(payment) ` Most Common Payment`
23 •
        from walmart;
24
25
Result Grid
               Filter Rows:
     Most Common
    Payment
   Ewallet
26
       -- 2.c) What is the most selling product line?
27 •
       select max(`product line`) `Most Selling ProductLine`
       from walmart;
28
    Most Selling
    ProductLine
  Sports and travel
```

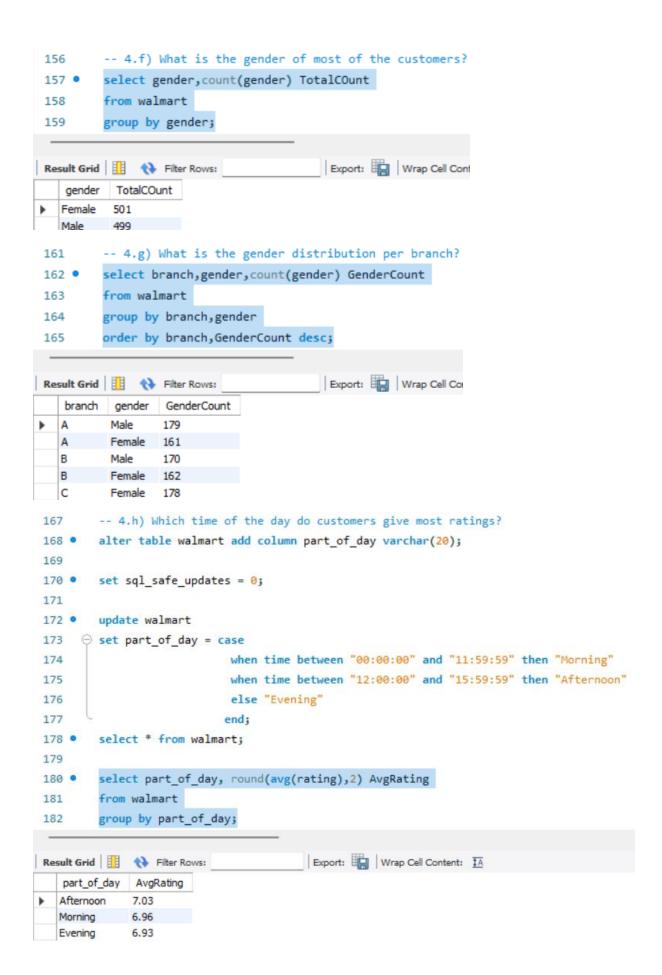


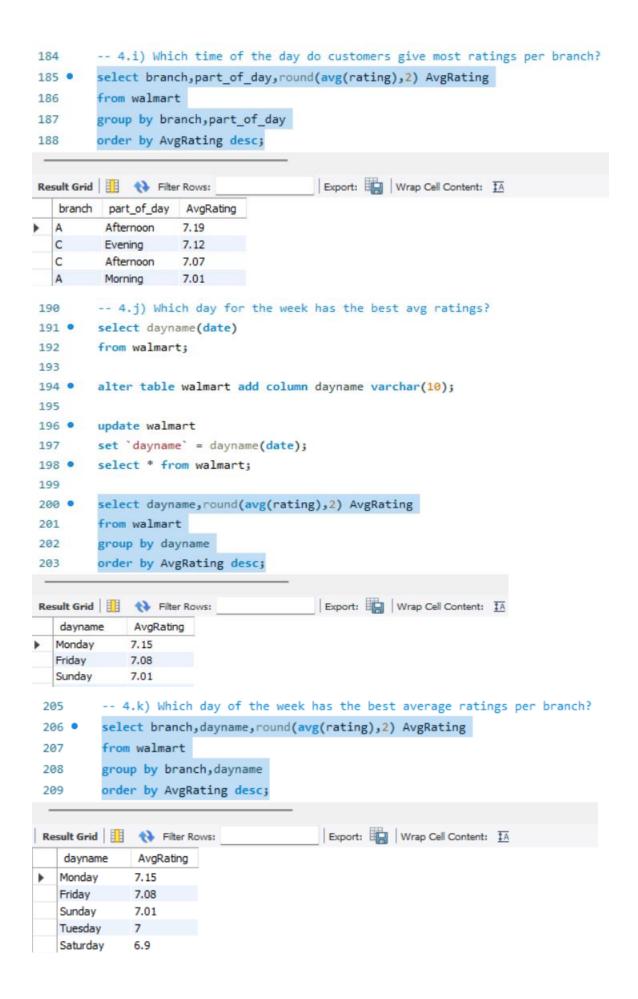


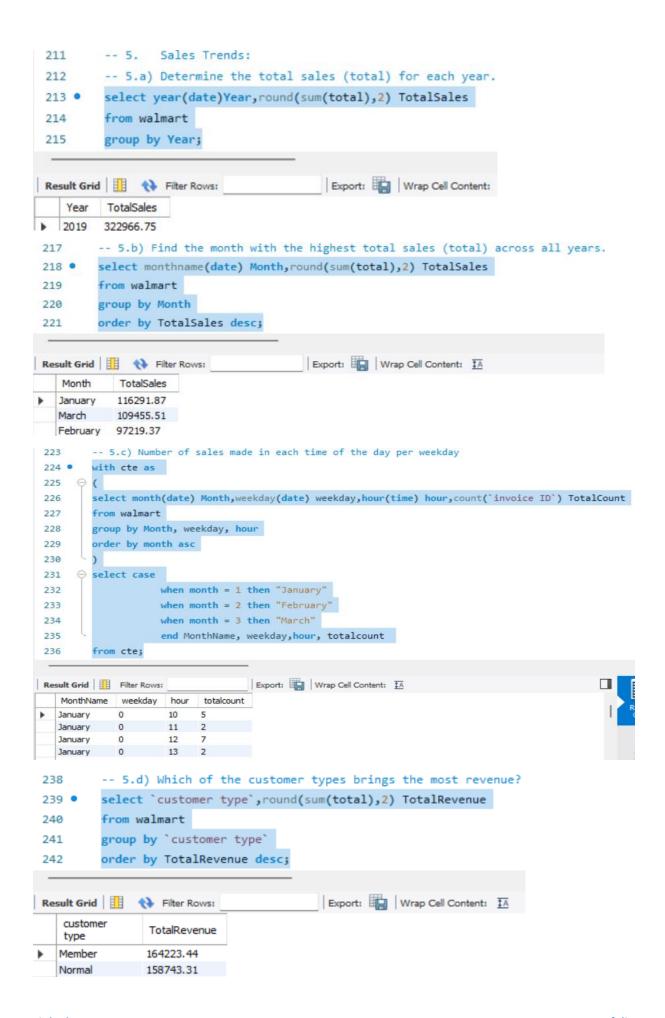


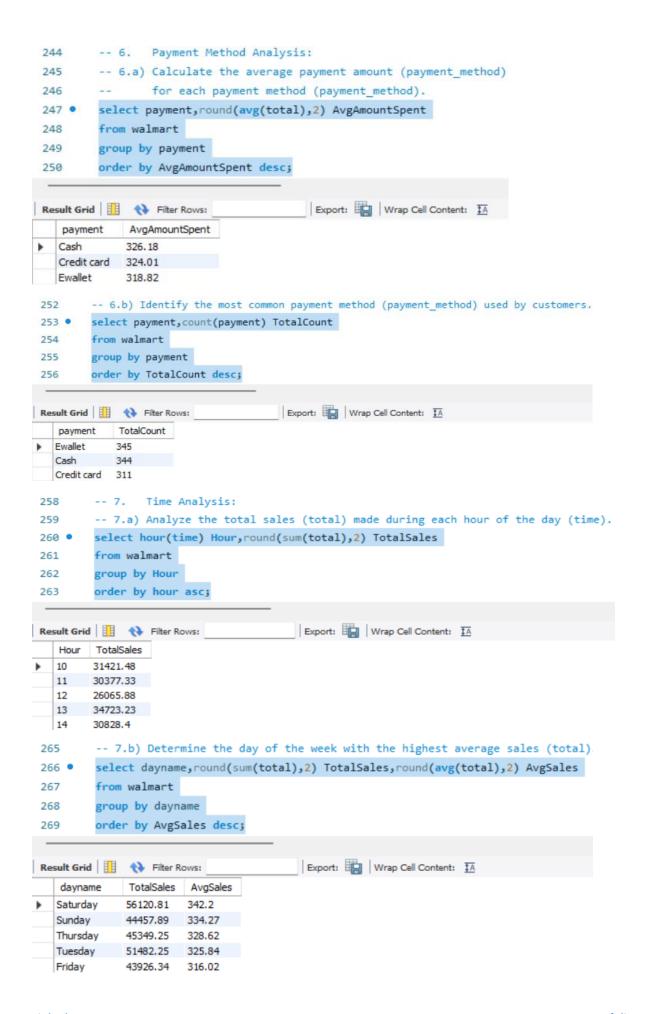












```
271
        -- 8. Customer Satisfaction Analysis:
        -- 8.a) Find the average rating (rating) for each gender (gender).
272
        select gender, round(avg(rating),2) AvgRating
273 •
        from walmart
274
        group by gender
275
        order by AvgRating desc;
276
                                         Export: Wrap Cell Content: TA
gender
          AvgRating
  Male
          6.98
  Female
         6.96
        -- 8.b) Determine the gender (gender) with the highest average rating (rating)
278
        with cte as
279 •
280
        select gender, rating,
281
        dense_rank() over(order by rating desc) rnk
282
283
         from walmart
284
        select gender, rating
285
        from cte
286
        where rnk = 1;
287
                                    Export: Wrap Cell Content: IA
Result Grid Filter Rows:
   gender
          rating
          10
  Female
  Female
          10
  Male
          10
  Female
          10
  Female
          10
         -- 9.
                 Quantity Analysis:
289
         -- 9.a) Calculate the total quantity (quantity) sold
290
                 for each product line (product_line).
291
292 •
         select `product line`,sum(quantity) TotalCount
293
         from walmart
         group by `product line`
294
         order by TotalCount desc;
295
Export: Wrap Cell Cont
   product line
                     TotalCount
  Electronic accessories
  Food and beverages
                    952
  Sports and travel
                    920
  Home and lifestyle
                    911
  Fashion accessories
                    902
```

```
-- 10. VAT Analysis:
297
        -- 10.a)Calculate the total VAT (VAT) collected for each city (city).
298
        select city, round(sum(`tax 5%`),2) VAT
299 •
        from walmart
300
        group by city
301
        order by VAT desc;
302
                                      Export: Wrap Cell Content: IA
VAT
   city
            5265.18
  Naypyitaw
  Yangon
            5057.16
  Mandalay
            5057.03
         -- 10.b)Determine the city (city) with the highest total VAT collected.
        select city, `tax 5%` VAT
305 •
306
        from walmart
        order by VAT desc limit 1;
307
                                      Export: Wrap Cell Content: IA
city
            VAT
Naypyitaw
            49.65
```