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--My Query for analysis.
select product_category,
       product_type,
       product_detail,
       store_location,
--Aggregates
       sum(transaction_qty*unit_price) As total_revenue,
       sum(transaction_qty) As total_units_sold,
       count(transaction_id) As number_of_sales,

--Dates
       TO_CHAR(transaction_date,'YYYY/MM') As purchase_date,
       MONTHNAME(transaction_date) AS month_id,
       DAYNAME(transaction_date) AS day_ofThe_week,

--Case statements
       case
         when transaction_time between '04:00:00' and '11:59:59' then
'morning'
         when transaction_time between '12:00:00' and '15:59:59' then
'afternoon'
         when transaction_time between '16:00:00' and '20:59:59' then
'evening'
         else 'night'
       end As time_bucket,

       case
         when sum(transaction_qty*unit_price) between 0 and 20 then
'low'
         when sum(transaction_qty*unit_price) between 21 and 40 then
'medium'
         when sum(transaction_qty*unit_price) between 41 and 60 then
'high'
         else 'very high'
       end As spent_bands,

from coffee.shop.sales

--Groups
group by time_bucket,
       purchase_date,
       month_id,
       day_ofThe_week,
       product_category,
       product_type,
       product_detail,
       store_location;

```