SELECT

transaction\_date,

day\_of\_month,

day\_name,

month\_name,

month\_id,

time\_bucket,

day\_classification,

ROUND(SUM(IFNULL(transaction\_qty,0) \* IFNULL(unit\_price,0)), 0) AS revenue,

COUNT(DISTINCT transaction\_id) AS number\_of\_sales,

COUNT(DISTINCT product\_id) AS number\_of\_unique\_products,

COUNT(DISTINCT store\_id) AS number\_of\_shops,

store\_location,

product\_category,

product\_detail,

product\_type

FROM (

SELECT

TO\_DATE(transaction\_date) AS transaction\_date,

DAYOFMONTH(TO\_DATE(transaction\_date)) AS day\_of\_month,

DAYNAME(TO\_DATE(transaction\_date)) AS day\_name,

MONTHNAME(TO\_DATE(transaction\_date)) AS month\_name,

TO\_CHAR(TO\_DATE(transaction\_date), 'YYYYMM') AS month\_id,

CASE

WHEN transaction\_time BETWEEN '06:00:00' AND '11:59:59' THEN 'Morning'

WHEN transaction\_time BETWEEN '12:00:00' AND '16:59:59' THEN 'Afternoon'

WHEN transaction\_time BETWEEN '17:00:00' AND '19:59:59' THEN 'Evening'

ELSE 'Night'

END AS time\_bucket,

CASE

WHEN DAYNAME(TO\_DATE(transaction\_date)) NOT IN ('Sat','Sun') THEN 'Weekday'

ELSE 'Weekend'

END AS day\_classification,

transaction\_qty,

unit\_price,

transaction\_id,

product\_id,

store\_id,

store\_location,

product\_category,

product\_detail,

product\_type

FROM BRIGHT\_COFFEE\_SHOP.PUBLIC.ANALYSIS

) AS derived

GROUP BY

transaction\_date,

day\_of\_month,

day\_name,

month\_name,

month\_id,

time\_bucket,

day\_classification,

store\_location,

product\_category,

product\_detail,

product\_type;