MODERN DATABASE SYSTEMS LAB 7

RETAIL SALES ANALYTICS PART3

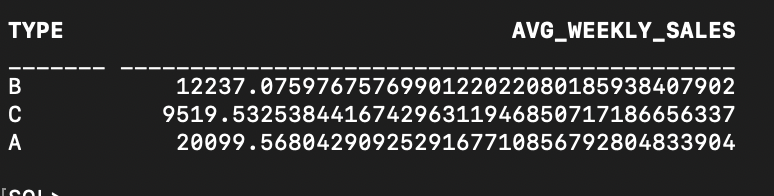
NAME: PAVITHIRAN.V ROLL NO: 235229122

SELECT st.TYPE, AVG(s.WEEKLY\_SALES) AS AVG\_WEEKLY\_SALES

FROM sales\_data s

JOIN stores\_data st ON s.STORE\_ID = st.STORE\_ID

GROUP BY st.TYPE;



SELECT st.TYPE, f.DATE1, MAX(f.TEMPERATURE) AS MAX\_TEMPERATURE

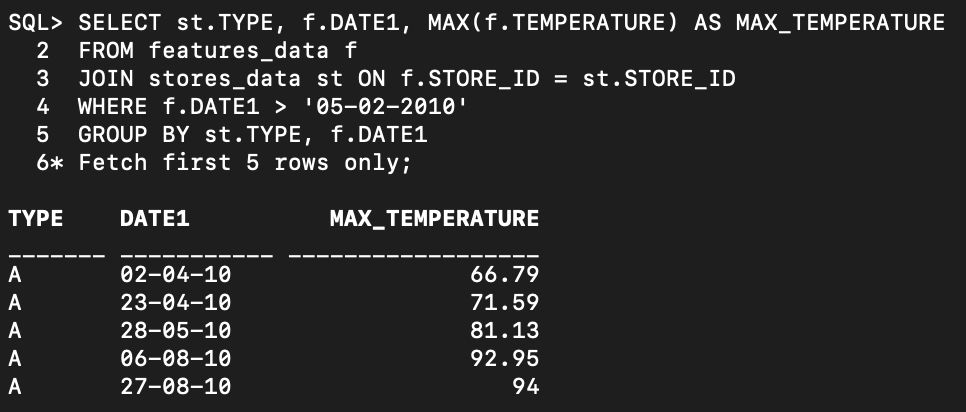
FROM features\_data f

JOIN stores\_data st ON f.STORE\_ID = st.STORE\_ID

WHERE f.DATE1 > '05-02-2010'

GROUP BY st.TYPE, f.DATE1

Fetch first 5 rows only;



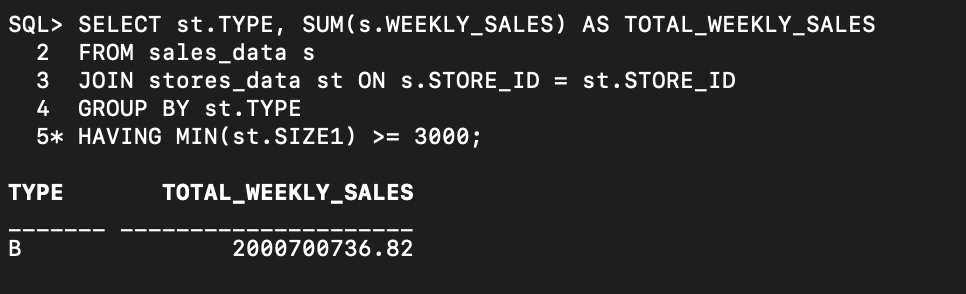
SELECT st.TYPE, SUM(s.WEEKLY\_SALES) AS TOTAL\_WEEKLY\_SALES

FROM sales\_data s

JOIN stores\_data st ON s.STORE\_ID = st.STORE\_ID

GROUP BY st.TYPE

HAVING MIN(st.SIZE1) >= 3000;



SELECT s.DEPT, COUNT(\*) AS HOLIDAY\_COUNT

FROM sales\_data s

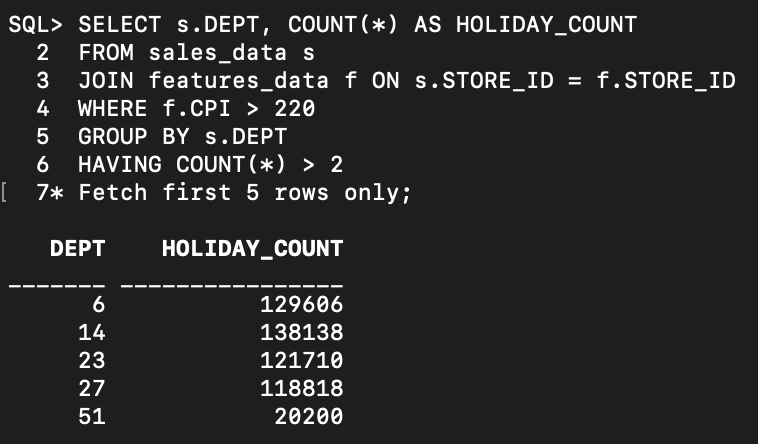
JOIN features\_data f ON s.STORE\_ID = f.STORE\_ID

WHERE f.CPI > 220

GROUP BY s.DEPT

HAVING COUNT(\*) > 2

Fetch first 5 rows only;

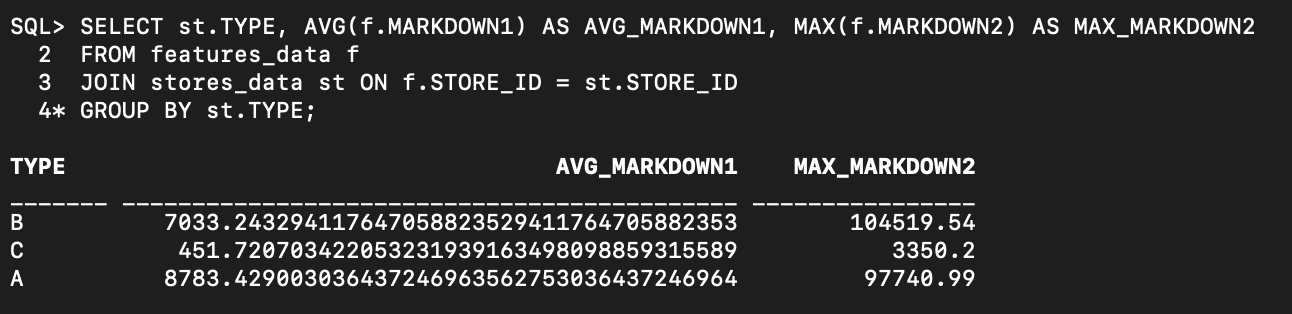


SELECT st.TYPE, AVG(f.MARKDOWN1) AS AVG\_MARKDOWN1, MAX(f.MARKDOWN2) AS MAX\_MARKDOWN2

FROM features\_data f

JOIN stores\_data st ON f.STORE\_ID = st.STORE\_ID

GROUP BY st.TYPE;



SELECT st.TYPE, AVG(f.UNEMPLOYMENT) AS AVG\_UNEMPLOYMENT

FROM features\_data f

JOIN stores\_data st ON f.STORE\_ID = st.STORE\_ID

GROUP BY st.TYPE

HAVING AVG(f.UNEMPLOYMENT) > 7.5;

