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LAB 9 :RETAIL SALES ANALYTICS PART-IV

```
SELECT st.TYPE, AVG(f.TEMPERATURE) AS AvgTemperatureOnHolidays
FROM stores_data st
INNER JOIN (
    SELECT STORE_ID, TEMPERATURE, ISHOLIDAY
    FROM features_data
    WHERE ISHOLIDAY = 'TRUE'
) f ON st.STORE_ID = f.STORE_ID
GROUP BY st.TYPE;
```

```
SQL> SELECT st.TYPE, AVG(f.TEMPERATURE) AS AvgTemperatureOnHolidays
2  FROM stores_data st
3  INNER JOIN (
4      SELECT STORE_ID, TEMPERATURE, ISHOLIDAY
5      FROM features_data
6      WHERE ISHOLIDAY = 'TRUE'
7  ) f ON st.STORE_ID = f.STORE_ID
8* GROUP BY st.TYPE;
```

TYPE	AVGTEMPERATUREONHOLIDAYS
B	45.34846153846153846153846153846153846154
C	55.98782051282051282051282051282051282051
A	48.79713286713286713286713286713286713287

```
SELECT s.STORE_ID, s.TotalWeeklySales
FROM (
    SELECT STORE_ID, SUM(WEEKLY_SALES) AS TotalWeeklySales
    FROM sales_data
    GROUP BY STORE_ID
    HAVING SUM(WEEKLY_SALES) = (
        SELECT MAX(SUM(WEEKLY_SALES))
        FROM sales_data
        GROUP BY STORE_ID
    )
) s;
```



```

SQL> SELECT s.STORE_ID, s.TYPE, s.MAX_WEEKLY_SALES
2  FROM (
3      SELECT st.STORE_ID, st.TYPE, MAX(sd.WEEKLY_SALES) AS MAX_WEEKLY_SALES
4      FROM stores_data st
5      INNER JOIN sales_data sd ON st.STORE_ID = sd.STORE_ID
6      GROUP BY st.STORE_ID, st.TYPE
7  ) s
8  WHERE s.MAX_WEEKLY_SALES = (
9      SELECT MAX(WEEKLY_SALES)
10     FROM sales_data
11* );

```

STORE_ID	TYPE	MAX_WEEKLY_SALES
10	B	693899.36