Question:

Today's Question:

Santa is tracking how many presents he delivers each night leading up to Christmas. He wants a running total to see how many gifts have been delivered so far on any given night. Using the deliveries table, calculate the cumulative sum of gifts delivered, ordered by the delivery date.

Table name: deliveries

delivery_date	gifts_delivered
2024-12-20	120
2024-12-21	150
2024-12-22	200
2024-12-23	300
2024-12-24	500

Question level of difficulty: Hard 😈😈😈

SQL Query:

```sql
SELECT d1.delivery_date,
       SUM(d2.gifts_delivered) AS sum_gifts_delivered
FROM deliveries d1
JOIN deliveries d2
ON
d2.delivery_date <= d1.delivery_date
GROUP BY d1.delivery_date
ORDER BY d1.delivery_date;

```

Output:

DELIVERY_DATE	SUM_GIFTS_DELIVERED
2024-12-20	120
2024-12-21	270
2024-12-22	470
2024-12-23	770
2024-12-24	1270

Correct!! 🎉 Great work!