

# SQL Advent Calendar

Buddy is planning a winter getaway and wants to rank ski resorts by annual snowfall....

Question 1: Buddy is planning a winter getaway and wants to rank ski resorts by annual snowfall. Can you help him bucket these ski resorts into quartiles?

```
WITH annual AS (
    SELECT
        resort_id,
        resort_name,
        SUM(snowfall_inches) AS total_snowfall
    FROM resort_monthly_snowfall
    GROUP BY resort_id, resort_name
)
SELECT
    resort_name,
    total_snowfall,
    NTILE(4) OVER (ORDER BY total_snowfall DESC) AS quartile_rank
FROM annual
ORDER BY total_snowfall DESC;
```

