

Snowflake Query Tracker Result

Demand Forecasting & Anomaly Detection

Rossmann Store Sales Data

Generated: 7/29/2025, 4:45:40 PM

Total Queries: 4

Query #1

Topic: 1.1: Basic Summary

SQL Query:

```
SELECT
    COUNT(*) AS total_rows,
    COUNT(DISTINCT STORE) AS unique_stores,
    MIN(DATE) AS min_date,
    MAX(DATE) AS max_date
FROM ROSSMANN_TRAIN;
```

Result:

	# TOTAL_ROWS	# UNIQUE_STORES	MIN_DATE	MAX_DATE	Query Details	...
1	1017209	1115	2013-01-01	2015-07-31	Query duration  82ms	Rows 1

Query #2

Topic: 1.2: Null Value Check

SQL Query:

```
SELECT
    COUNT(CASE WHEN STORE IS NULL THEN 1 END) AS null_store,
    COUNT(CASE WHEN DAY IS NULL THEN 1 END) AS null_day,
    COUNT(CASE WHEN SALES IS NULL THEN 1 END) AS null_sales,
    COUNT(CASE WHEN CUSTOMERS IS NULL THEN 1 END) AS null_customers,
    COUNT(CASE WHEN OPEN IS NULL THEN 1 END) AS null_open,
    COUNT(CASE WHEN PROMO IS NULL THEN 1 END) AS null_promo,
    COUNT(CASE WHEN STATEHOLIDAY IS NULL THEN 1 END) AS
null_stateholiday,
    COUNT(CASE WHEN SCHOOLHOLIDAY IS NULL THEN 1 END) AS
null_schoolholiday
FROM ROSSMANN_TRAIN;
```

Result:

# NULL_STORE	# NULL_DAY	# NULL_SALES	# NULL_CUSTOMERS	# NULL_OPEN	# NULL_PROMO	# NULL_STATEHOLIDAY	# NULL_SCHOOLHOLIDAY
1	0	0	0	0	0	0	0

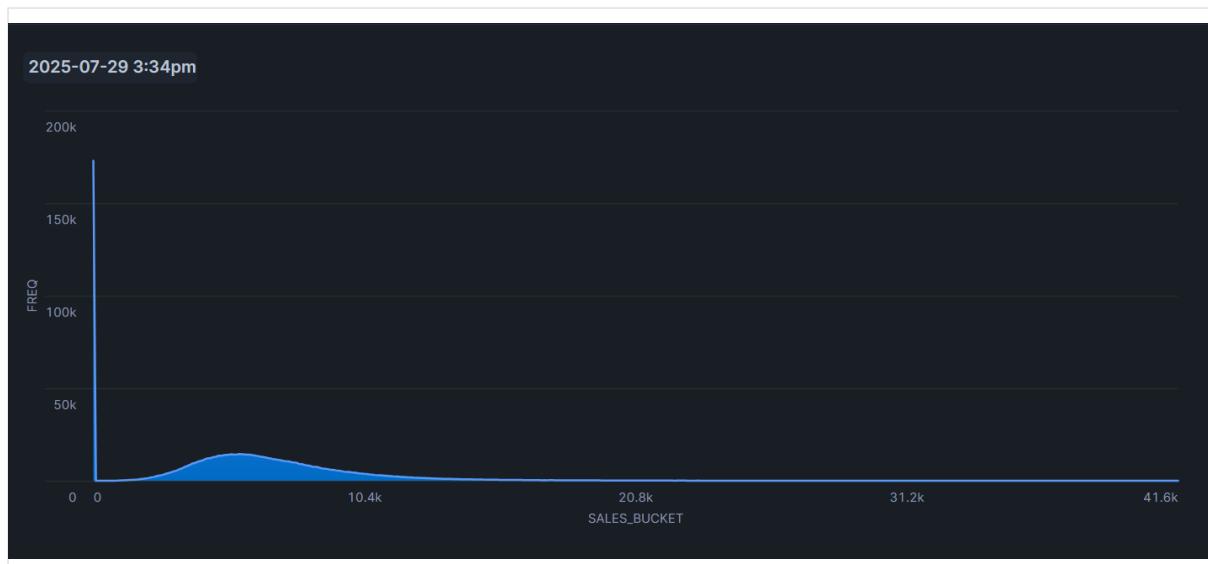
Query #3

Topic: 1.3: Sales Distribution

SQL Query:

```
SELECT
    ROUND(SALES, -2) AS sales_bucket,
    COUNT(*) AS freq
FROM ROSSMANN_TRAIN
GROUP BY sales_bucket
ORDER BY sales_bucket;
```

Result:



Query #4

Topic: 1.4: Sales Over Time

SQL Query:

```
SELECT
    DAY,
    AVG(SALES) AS avg_sales
FROM ROSSMANN_TRAIN
GROUP BY DAY
ORDER BY DAY;
```

Result:

