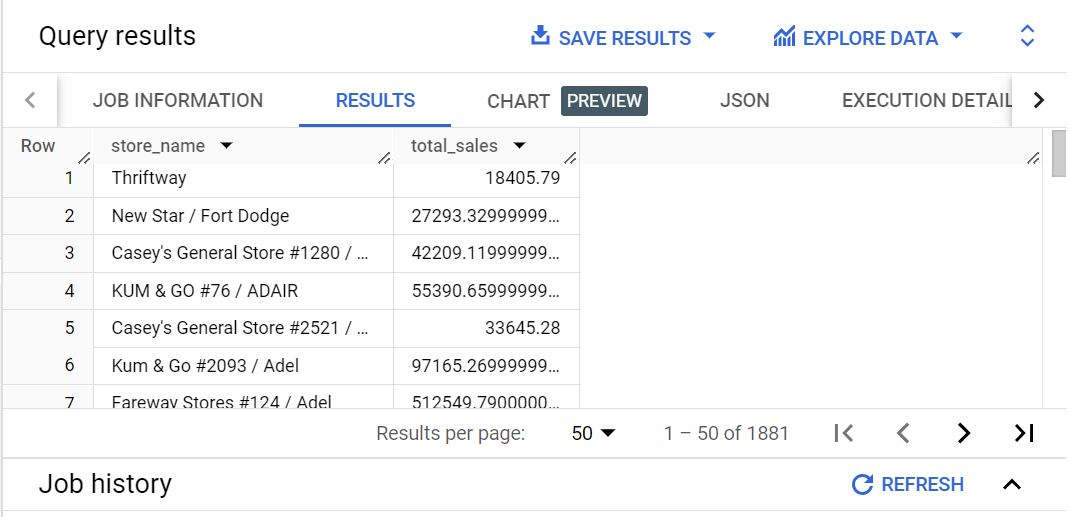
1. Total Sales for each store:

SELECT store\_name, SUM(sale\_dollars) AS total\_sales

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

GROUP BY store\_name;



1. Highest sales:

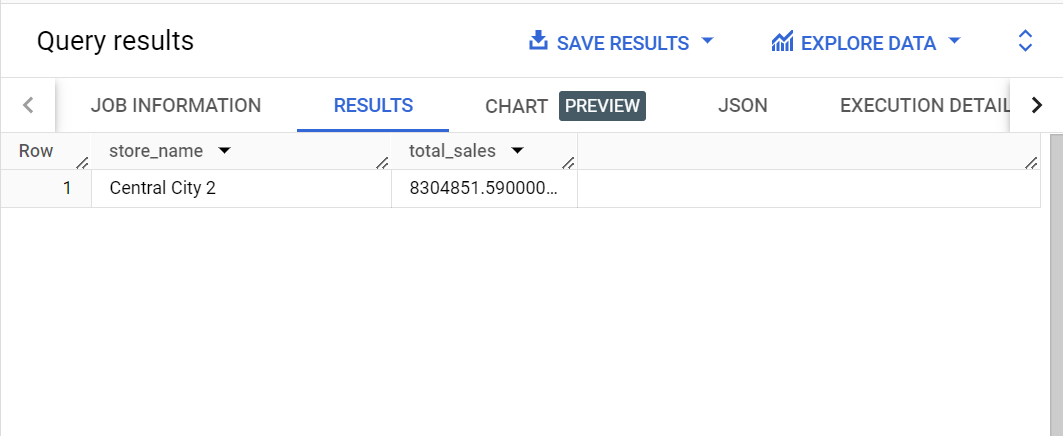
SELECT store\_name, SUM(sale\_dollars) AS total\_sales

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

GROUP BY store\_name

ORDER BY total\_sales DESC

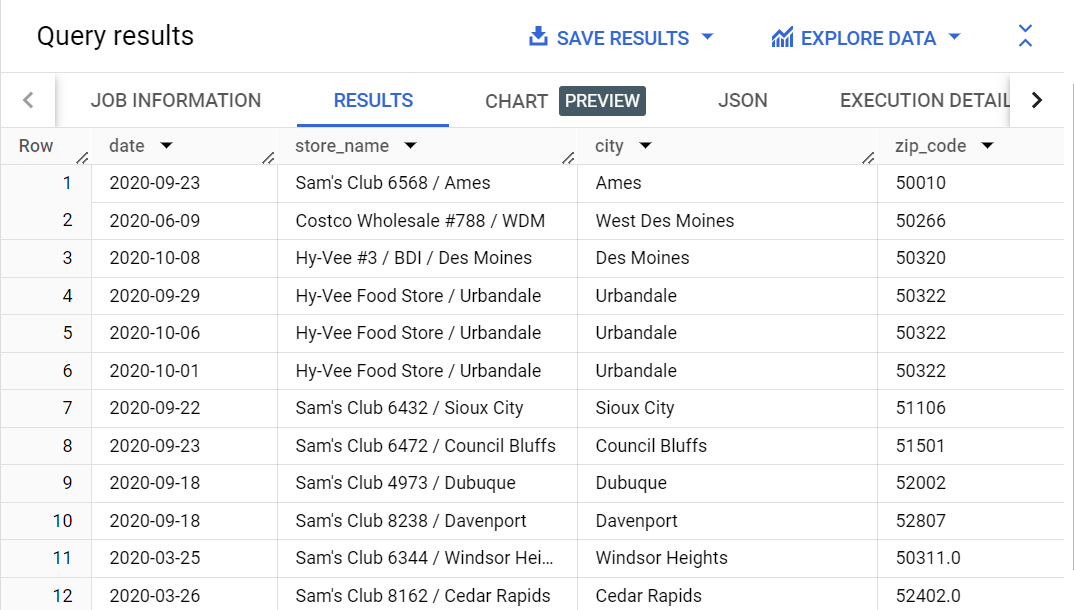
LIMIT 1;



1. Retrieve the records where the sale (in dollars ) is greater than 200,000

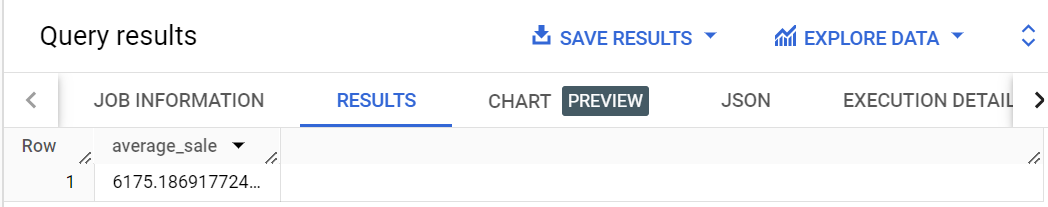
SELECT \*

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

WHERE sale\_dollars > 200000;

1. Average Sale Amount per transaction:

SELECT AVG(sale\_dollars) AS average\_sale

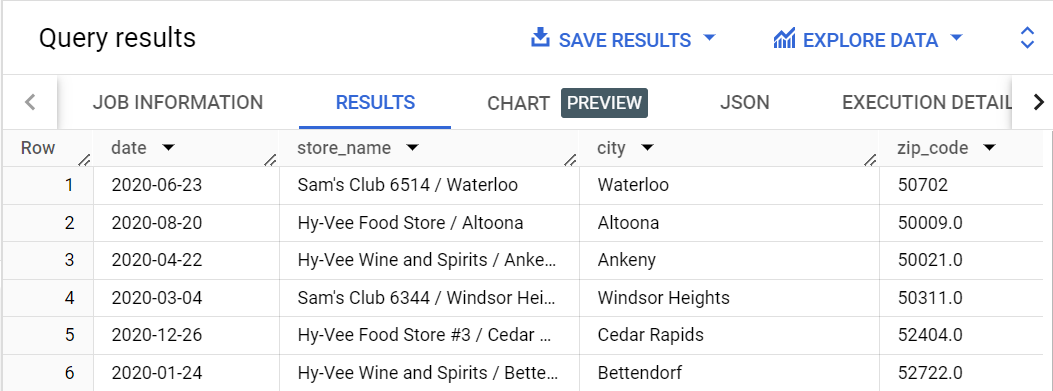
FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train;

1. Sales between 40,900 to 41,000

SELECT \*

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

WHERE sale\_dollars BETWEEN 40900 AND 41000;



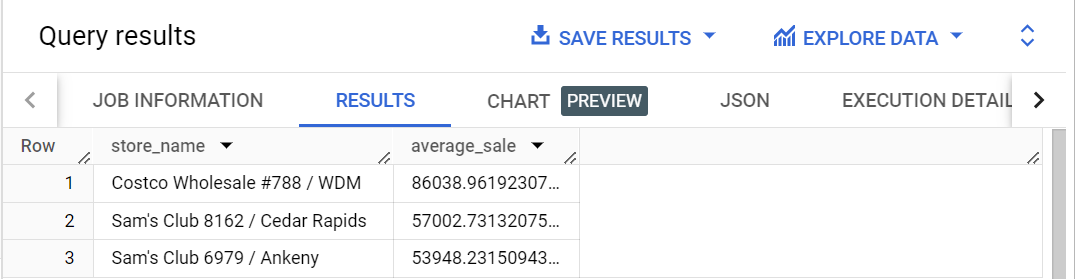
1. Top 3 stores with the highest average sales:

SELECT store\_name, AVG(sale\_dollars) AS average\_sale

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

GROUP BY store\_name

ORDER BY average\_sale DESC

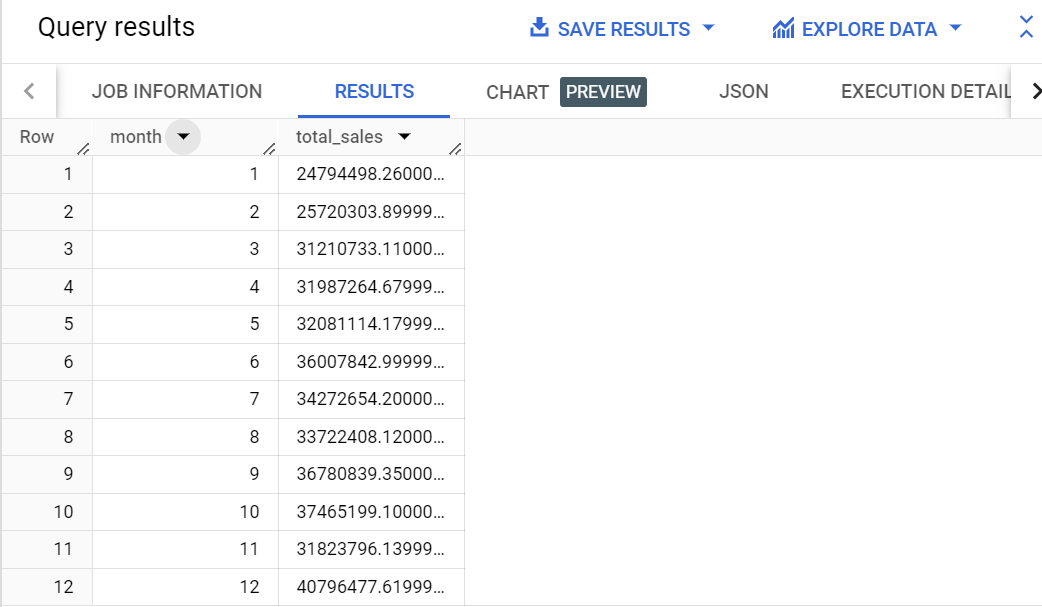
LIMIT 3;

1. Total sales for each month:

SELECT EXTRACT(MONTH FROM date) AS month, SUM(sale\_dollars) AS total\_sales

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

GROUP BY month

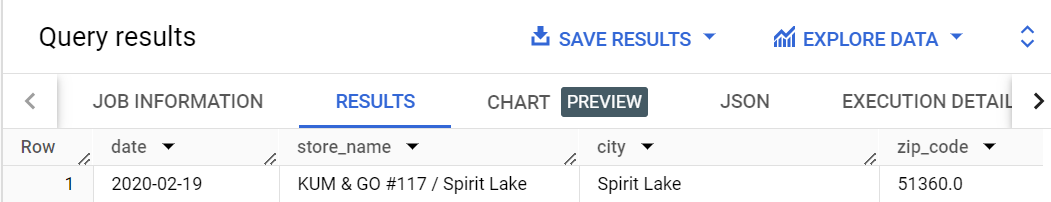
ORDER BY month;

1. Find the store with sale of $1002:

SELECT \*

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train

WHERE sale\_dollars = 1002;



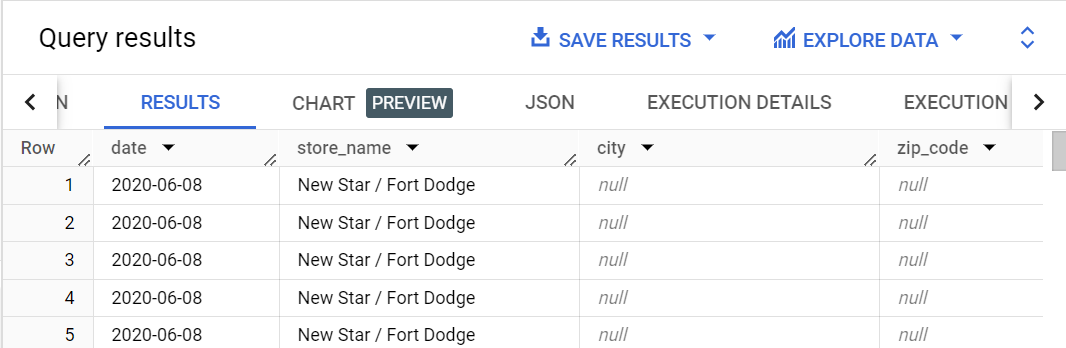
1. Inner Join

SELECT \*

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train AS a

INNER JOIN bigquery-public-data.iowa\_liquor\_sales\_forecasting.2021\_sales\_predict AS b

ON a.store\_name = b.store\_name;

LIMIT 5;

1. Left Join:

SELECT \*

FROM bigquery-public-data.iowa\_liquor\_sales\_forecasting.2020\_sales\_train AS a

LEFT JOIN bigquery-public-data.iowa\_liquor\_sales\_forecasting.2021\_sales\_predict AS b

ON a.county = b.county

WHERE a.county = 'Dallas';

LIMIT 4;

