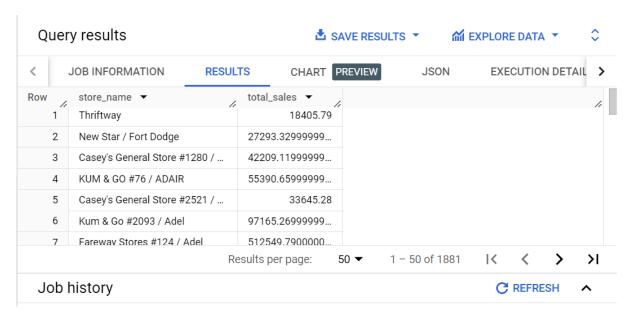
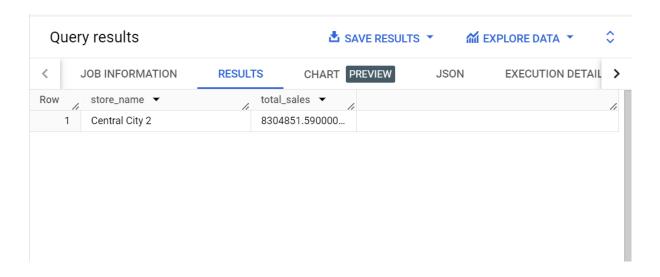
1. Total Sales for each store:

SELECT store_name, SUM(sale_dollars) AS total_sales
FROM bigquery-public-data.iowa_liquor_sales_forecasting.2020_sales_train
GROUP BY store_name;



2. Highest sales:

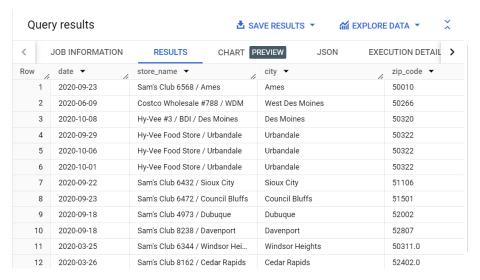
```
SELECT store_name, SUM(sale_dollars) AS total_sales
FROM bigquery-public-data.iowa_liquor_sales_forecasting.2020_sales_train
GROUP BY store_name
ORDER BY total_sales DESC
LIMIT 1;
```



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

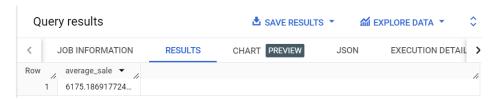
SELECT *

FROM bigquery-public-data.iowa_liquor_sales_forecasting.2020_sales_train WHERE sale_dollars > 200000;



4. Average Sale Amount per transaction:

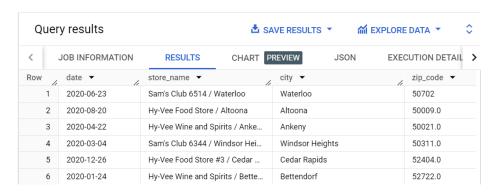
SELECT AVG(sale_dollars) AS average_sale
FROM bigquery-public-data.iowa_liquor_sales_forecasting.2020_sales_train;



5. Sales between 40,900 to 41,000

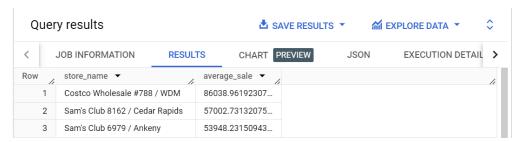
SELECT *

FROM bigquery-public-data.iowa_liquor_sales_forecasting.2020_sales_train WHERE sale_dollars BETWEEN 40900 AND 41000;



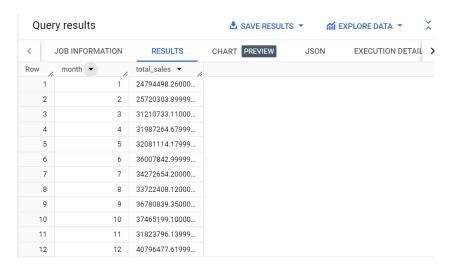
6. Top 3 stores with the highest average sales:

```
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;
```



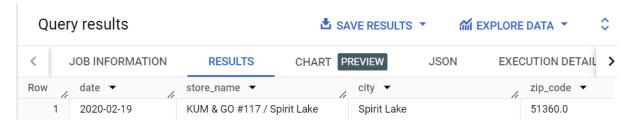
7. Total sales for each month:

```
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;
```



8. Find the store with sale of \$1002:

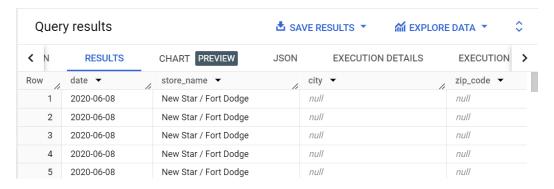
```
SELECT *
FROM bigquery-public-data.iowa_liquor_sales_forecasting.2020_sales_train
WHERE sale_dollars = 1002;
```



9. 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;



10. 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;

