

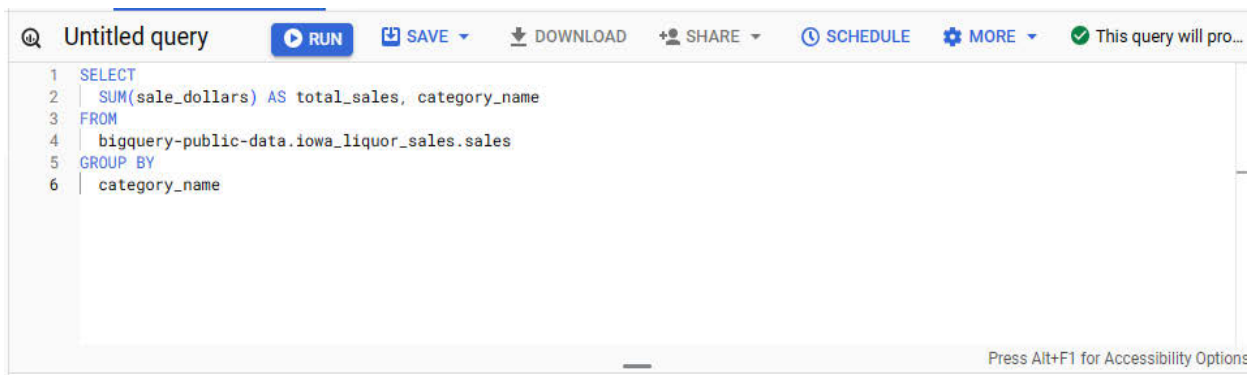


Iowa Liquor Sales

Sawandi Kirby

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Total Sales Query

What is the total sales amount for each product category?

SELECT

SUM(sale_dollars) AS total_sales, category_name

FROM

bigquery-public-data.iowa_liquor_sales.sales

GROUP BY

category_name

| Query results | | | SAVE RESULTS | EXPLORE DATA | |
|-----------------|-------------------|--------------------------------|--------------|--------------|------|
| JOB INFORMATION | | | RESULTS | CHART | JSON |
| Row | total_sales | category_name | | | |
| 1 | 75986548.48000... | IMPORTED CORDIALS & LIQUE... | | | |
| 2 | 85796434.04000... | FLAVORED RUM | | | |
| 3 | 2852313.969999... | FLAVORED GIN | | | |
| 4 | 191779631.2900... | IMPORTED VODKAS | | | |
| 5 | 53558577.86000... | COCKTAILS/RTD | | | |
| 6 | 142098.7599999... | LOW PROOF VODKA | | | |
| 7 | 46500246.26999... | AMERICAN SCHNAPPS | | | |
| 8 | 66920532.60000... | IMPORTED SCHNAPPS | | | |
| 9 | 73965181.03000... | MIXTO TEQUILA | | | |
| 10 | 14026563.46000... | IMPORTED DISTILLED SPIRITS ... | | | |
| 11 | 12166702.70000... | DECANTERS & SPECIALTY BAC... | | | |

The Results

```

1 SELECT
2   COUNT(DISTINCT item_description) AS item_count, item_description, county
3 FROM
4   bigquery-public-data.iowa_liquor_sales.sales
5 GROUP BY
6   item_description, county

```

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Products Sold Query

How many different products were sold in each county?

SELECT

COUNT(DISTINCT item_description) AS item_count, item_description, county

FROM

bigquery-public-data.iowa_liquor_sales.sales

GROUP BY

item_description, county

| Query results | | | | SAVE RESULTS | EXPLORE DATA |
|-----------------|------------|-------------------------------|-----------|--------------|-------------------|
| JOB INFORMATION | | RESULTS | CHART | JSON | EXECUTION DETAILS |
| Row | item_count | item_description | county | | |
| 1 | 1 | ABSOLUT SWEDISH VODKA 80... | CALHOUN | | |
| 2 | 1 | UV RED CHERRY MINI | BUTLER | | |
| 3 | 1 | FIREBALL CINNAMON WHISKE... | AUDUBON | | |
| 4 | 1 | FIREBALL CINNAMON WHISKE... | VAN BUREN | | |
| 5 | 1 | MCCORMICK 80PRF VODKA M... | DECATUR | | |
| 6 | 1 | FIREBALL CINNAMON WHISKE... | GRUNDY | | |
| 7 | 1 | KINKY PINK MINI | FREMONT | | |
| 8 | 1 | KINKY BLUE MINI | ADAIR | | |
| 9 | 1 | JACK DANIELS OLD #7 BLACK ... | ADAMS | | |
| 10 | 1 | HAWKEYE VODKA 80 PRF MINI | VAN BUREN | | |
| 11 | 1 | KINKY MINI | DECATUR | | |

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The Results

Untitled query
 ▶ RUN
▶ SAVE
▶ DOWNLOAD
▶ SHARE
▶ SCHEDULE
▶ MORE
✔ This query will pro...

```

1 SELECT
2   AVG(sale_dollars) AS avg_sale_dollars, item_description
3 FROM
4   bigquery-public-data.iowa_liquor_sales.sales
5 GROUP BY
6   item_description

```

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Average Sale Price Query

What is the average sale price per unit for each product?

SELECT

AVG(sale_dollars) AS avg_sale_dollars, item_description

FROM

bigquery-public-data.iowa_liquor_sales.sales

GROUP BY

item_description

Query results

SAVE RESULTS

EXPLORE DATA

| JOB INFORMATION | | RESULTS | CHART | JSON | EXECUTION DETAILS | EXECUTION GRAPH |
|-----------------|--------------------|-------------------------------|-------|------|-------------------|-----------------|
| Row | avg_sale_dollars | item_description | | | | |
| 1 | 168.7382536764... | 99 BRAND ADULT VARIETY TRI... | | | | |
| 2 | 26.624999999999... | BIRD DOG SALTED CARAMEL F... | | | | |
| 3 | 36.06644021739... | JIM BEAM ORANGE MINI | | | | |
| 4 | 58.650000000000... | BLUE OX AMERICAN SPIRIT W... | | | | |
| 5 | 37.98360946745... | SVEDKA BLUE RASPBERRY VO... | | | | |
| 6 | 62.11246943765... | BLUE OX VODKA MINI | | | | |
| 7 | 36.69906976744... | BARTON NATURALS VODKA M... | | | | |
| 8 | 25.19761526232... | NATURAL LIGHT LEMONADE V... | | | | |
| 9 | 29.45610687022... | MALIBU PEACH MINI | | | | |
| 10 | 26.11618432143... | DR MCGILLICUDDYS PEACH M... | | | | |

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 < > >>

The Results

```

1 SELECT
2   store_name, SUM(sale_dollars) AS total_sale_dollars
3 FROM
4   bigquery-public-data.iowa_liquor_sales.sales
5 GROUP BY
6   store_name
7 ORDER BY
8   total_sale_dollars DESC

```

Press Alt+F1 for Accessibility Options

Total Sales Amount Query

Which store had the highest total sales amount?

SELECT

store_name, SUM(sale_dollars) AS total_sale_dollars

FROM

bigquery-public-data.iowa_liquor_sales.sales

GROUP BY

store_name

ORDER BY

total_sale_dollars DESC

Query results

SAVE RESULTS EXPLORE DATA

| JOB INFORMATION | RESULTS | CHART | JSON | EXECUTION DETAILS | EXECUTION GRAPH |
|-----------------|--------------------------------|--------------------|------|-------------------|-----------------|
| Row | store_name | total_sale_dollars | | | |
| 1 | HY-VEE #3 / BDI / DES MOINES | 134321788.5700... | | | |
| 2 | CENTRAL CITY 2 | 118351250.9200... | | | |
| 3 | HY-VEE WINE AND SPIRITS / I... | 48768628.39000... | | | |
| 4 | SAM'S CLUB 8162 / CEDAR RA... | 43513567.76999... | | | |
| 5 | SAM'S CLUB 6344 / WINDSOR ... | 41933199.82999... | | | |
| 6 | BENZ DISTRIBUTING | 38024377.10000... | | | |
| 7 | WILKIE LIQUORS | 36388319.75999... | | | |
| 8 | LOT-A-SPIRITS | 30922851.57999... | | | |
| 9 | SAM'S CLUB 8238 / DAVENPO... | 29635488.63 | | | |
| 10 | CENTRAL CITY LIQUOR, INC. | 28466035.28999... | | | |

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The Results

```
Untitled query [RUN] [SAVE] [DOWNLOAD] [SHARE] [SCHEDULE] [MORE] [This query will pro...]

1 SELECT
2   EXTRACT(MONTH FROM date) AS month, SUM(sale_dollars) AS total_sales
3 FROM
4   bigquery-public-data.iowa_liquor_sales.sales
5 WHERE
6   EXTRACT(YEAR FROM date) = 2023
7 GROUP BY
8   month
```

Press Alt+F1 for Accessibility Options

Each Month Query

What is the total sales amount for each month over the past year?

SELECT

EXTRACT(MONTH FROM date) AS month, SUM(sale_dollars) AS total_sales

FROM

bigquery-public-data.iowa_liquor_sales.sales

WHERE

EXTRACT(YEAR FROM date) = 2023

GROUP BY

month

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION

RESULTS

CHART

JSON

EXECUTION DETAILS

EXECUTION GRAPH

| Row | month | total_sales |
|-----|-------|-------------------|
| 1 | 10 | 40281758.90000... |
| 2 | 6 | 41194749.13000... |
| 3 | 12 | 40945072.58000... |
| 4 | 3 | 36403505.90000... |
| 5 | 5 | 39684933.97000... |
| 6 | 11 | 39289673.49000... |
| 7 | 7 | 35838999.87000... |
| 8 | 2 | 32114831.48 |
| 9 | 8 | 39788043.98000... |
| 10 | 4 | 32884344.37000... |

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The Results