

Coffee Sales analysis

By Ashraf Ahmad Khan

Here are 20 SQL project queries for the Coffee Sales analysis

Total Sales per Day

```
SELECT transaction_date, SUM(transaction_qty * unit_price) AS  
total_sales  
FROM coffeesales  
GROUP BY transaction_date;
```

Total Quantity Sold per Product Category

```
SELECT product_category, SUM(transaction_qty) AS total_quantity_sold  
FROM coffeesales  
GROUP BY product_category;
```

Average Transaction Amount per Store Location

```
SELECT store_location, AVG(transaction_qty * unit_price) AS  
avg_transaction_amount  
FROM coffee_shop_sales  
GROUP BY store_location;
```

Top 5 Best-Selling Products

```
SELECT product_detail, SUM(transaction_qty) AS total_quantity_sold  
FROM coffee_shop_sales  
GROUP BY product_detail  
ORDER BY total_quantity_sold DESC  
LIMIT 5;
```

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Monthly Sales Breakdown

```
SELECT DATE_FORMAT(transaction_date, '%Y-%m') AS month,  
SUM(transaction_qty * unit_price) AS total_sales  
FROM coffee_shop_sales  
GROUP BY month;
```

Total Revenue per Store

```
SELECT store_id, SUM(transaction_qty * unit_price) AS total_revenue  
FROM coffee_shop_sales  
GROUP BY store_id;
```

Most Popular Product Category in Each Store

```
SELECT store_id, product_category, SUM(transaction_qty) AS  
total_quantity_sold  
FROM coffee_shop_sales  
GROUP BY store_id, product_category  
ORDER BY store_id, total_quantity_sold DESC;
```

Total Sales per Hour of the Day

```
SELECT HOUR(transaction_time) AS hour, SUM(transaction_qty *  
unit_price) AS total_sales  
FROM coffee_shop_sales  
GROUP BY hour;
```

Highest Revenue Generating Product per Store

```
SELECT store_id, product_detail, SUM(transaction_qty * unit_price)  
AS total_revenue  
FROM coffee_shop_sales
```

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```
GROUP BY store_id, product_detail  
ORDER BY store_id, total_revenue DESC;
```

Daily Average Sales per Product Type

```
SELECT product_type, AVG(transaction_qty * unit_price) AS  
avg_daily_sales  
FROM coffee_shop_sales  
GROUP BY product_type;
```

Number of Transactions per Store Location

```
SELECT store_location, COUNT(transaction_id) AS  
number_of_transactions  
FROM coffee_shop_sales  
GROUP BY store_location;
```

Total Sales for Each Product Category per Month

```
SELECT DATE_FORMAT(transaction_date, '%Y-%m') AS month,  
product_category, SUM(transaction_qty * unit_price) AS total_sales  
FROM coffee_shop_sales  
GROUP BY month, product_category;
```

Average Quantity Sold per Transaction

```
SELECT AVG(transaction_qty) AS avg_quantity_sold  
FROM coffee_shop_sales;
```

Revenue from Each Product Type

```
SELECT product_type, SUM(transaction_qty * unit_price) AS  
total_revenue  
FROM coffee_shop_sales  
GROUP BY product_type;
```

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Total Sales per Store per Month

```
SELECT store_id, DATE_FORMAT(transaction_date, '%Y-%m') AS month,  
SUM(transaction_qty * unit_price) AS total_sales  
FROM coffee_shop_sales  
GROUP BY store_id, month;
```

Most Common Transaction Quantity

```
SELECT transaction_qty, COUNT(transaction_id) AS frequency  
FROM coffee_shop_sales  
GROUP BY transaction_qty  
ORDER BY frequency DESC  
LIMIT 1;
```

Total Revenue from Each Store Location

```
SELECT store_location, SUM(transaction_qty * unit_price) AS  
total_revenue  
FROM coffee_shop_sales  
GROUP BY store_location;
```

Top 3 Best-Selling Product Categories per Store

```
SELECT store_id, product_category, SUM(transaction_qty) AS  
total_quantity_sold  
FROM coffee_shop_sales  
GROUP BY store_id, product_category  
ORDER BY store_id, total_quantity_sold DESC  
LIMIT 3;
```

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Revenue Contribution of Each Product Type per Month

```
SELECT DATE_FORMAT(transaction_date, '%Y-%m') AS month,  
product_type, SUM( * unittransaction_qty_price) AS total_revenue  
FROM coffee_shop_sales  
GROUP BY month, product_type;
```

Average Unit Price per Product Category

```
SELECT product_category, AVG(unit_price) AS avg_unit_price  
FROM coffee_shop_sales  
GROUP BY product_category;
```