

Fetch Data Analytics Manager Assessment -- Closed-Ended Qs

Abinav Bharadwaj

What are the top 5 brands by sales among users that have had their account for at least six months?

```
-- This query retrieves the top 5 brands by sales among users that have had their account for
at least six months
SELECT
    p.BRAND, -- Selecting brand from products table
    SUM(t.FINAL_SALE) AS total_sales -- Summing up total sales
FROM transactions t
JOIN users u ON t.USER_ID = u.ID -- Joining transactions and users on USER_ID
JOIN products p ON t.BARCODE = p.BARCODE -- Joining transactions and products on BARCODE
WHERE
    DATE(u.CREATED_DATE) <= DATE('now', '-6 months') -- Filtering users whose account has been
active for at least 6 months
    AND t.FINAL_SALE IS NOT NULL -- Ensuring that only transactions with valid sale amounts
are included
    AND p.BRAND IS NOT NULL -- Exclude transactions where the brand is NULL
GROUP BY p.BRAND -- Grouping the results by brand to aggregate total sales
ORDER BY total_sales DESC -- Sorting the results by total sales in descending order
LIMIT 5; -- Limiting the output to the top 5
```

Here is the output from the query, which shows the top 5 brands:

Brand	Total Sales
CVS	72
Trident	46.72
Dove	42.88
Coors Light	34.96
Axe	15.98