SQL
Find customers with no sales

```
--EXCEPT
SELECT CustomerID
FROM Customers
EXCEPT
SELECT CustomerID
FROM Sales;
```

1 Removes the results of the second SELECT from the results of the first.

```
--NOT EXISTS
SELECT CustomerID
FROM Customers c
WHERE
NOT EXISTS (
            SELECT 1
            FROM Sales s
            WHERE c.CustomerID = s.CustomerID
            );
```

2 As soon as one match is found, the customer ID is excluded from the result.

```
--LEFT anti-JOIN
SELECT c.CustomerID
FROM Customers c
LEFT JOIN Sales s
    ON c.CustomerID = s.CustomerID
WHERE s.CustomerID IS NULL;
```

3 JOIN is performed first, then the rows are excluded.