

# Conditions on aggregates in SQL

You cannot apply a “where” condition to an aggregate in SQL. 😞 For example, this does *not* work:

```
SELECT CustID, SUM(OrderAmt)
FROM Orders
GROUP BY CustID
WHERE SUM(OrderAmt) > 100 -- Doesn't work
```

There are a couple of ways to deal with this.

First, there’s the “having” clause, which specifically handles this requirement:

```
SELECT CustID, SUM(OrderAmt)
FROM Orders
GROUP BY CustID
HAVING SUM(OrderAmt) > 100
```

If the “having” clause doesn’t work for you, or you’d just prefer not to use it, you can also do some nested selecting and accomplish the same thing:

```
SELECT * FROM (
  SELECT CustID, SUM(OrderAmt) AS OrderSum
  FROM Orders
  GROUP BY CustID
) AS OrderGrp
WHERE OrderGrp.OrderSum > 100
```

database

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