

```
-- Case statement with Flag
with main_cte as
(
select
t1.ordernumber,
orderdate,
quantityordered,
productname,
productline,
case when quantityordered > 40 and productline = 'Motorcycles' then 1
else 0 end as ordered_over_40_motorcycles
from classicmodels.orders t1
join classicmodels.orderdetails t2 on t1.ordernumber = t2.ordernumber
join classicmodels.products t3 on t2.productcode = t3.productcode
)

select orderdate, sum(ordered_over_40_motorcycles) as
ordered_over_40_motorcycles
from main_cte
group by orderdate
```