

Pada skema Sales

1. Tiap Perusahaan ingin menghitung suatu pesanan pada tiap harinya yang memiliki status rejected.

```
select
    company,
    to_char(cast(order_date as timestamp), 'DD') as tanggal,
    count(order_id) as total_rejected
from orders o
where status = 'REJECTED'
group by 1,2;
```

orders 1 ×

select company, to_char(cast(order_date as timestamp), 'DD') as tanggal, count(order_id) as total_rejected

	company	tanggal	total_rejected
1	Alpha	05	1
2	Beta	03	1
3	Beta	15	1
4	Delta	12	1

2. Atasan anda ingin mengetahui apa saja produk yang telah dipesan oleh setiap pelanggan (customer_id) bersama dengan jumlahnya (quantity) pada setiap pesanan? (poin 15)

```
select
    o.customer_id,
    o.order_id,
    od.product_name,
    od.quantity
from orders o
join order_detail od
on o.order_id = od.order_id
order by 1, 2;
```

orders(+) 1 ×

select o.customer_id, o.order_id, od.product_name, od.quantity

	customer_id	order_id	product_name	quantity
1	322,766	5	Green Tea	50
2	727,280	2	Coca Cola	70
3	727,280	2	Sprite	41
4	727,280	2	Fanta Grape	12
5	727,280	2	Fanta Strawberry	20
6	961,596	4	Coca Cola	40
7	1,268,454	1	Coca Cola	100
8	1,268,454	1	Sprite	80
9	1,998,038	3	Sprite	100
10	1,998,038	3	Fanta Strawberry	30
11	1,998,038	3	Fanta Grape	90

3. Atasan anda ingin menampilkan total orders dan kategori di tiap perusahaan dengan beberapa kriteria berikut: Saran Pengerjaan :

- category harus :
- Good (total order status sent > 2 dan total rejected > 0),
- Superb (tidak ada yang di reject, dan total order status sent > 2),
- selain ini dia Normal

1. CTE

```
with total_order as(
    select
        company,
        count(case when status = 'SENT' then order_id end ) as sent,
        count(case when status = 'REJECTED' then order_id end) as
reject
    from orders o
    group by 1
)
select
    company,
    case when sent > 2 and reject > 0 then 'Good'
    when sent > 2 and reject = 0 then 'Superb'
    else 'Normal'
    end category,
    sent+reject as total_orders
from total_order;
```

orders 1 x

with total_order as(select company, cour^{SQL} Enter a SQL expression to filter results (use Ctrl+Space)

	Az company	Az category	total_orders
1	Delta	Normal	2
2	Beta	Good	5
3	Charlie	Superb	3
4	Alpha	Good	4

Grid

Text

Record

2. Nested Query

```
select
    company,
    case when sent > 2 and reject > 0 then 'Good'
    when sent > 2 and reject = 0 then 'Superb'
    else 'Normal'
    end category,
    sent+reject as total_orders
from (select
        company,
        count(case when status = 'SENT' then order_id end ) as sent,
        count(case when status = 'REJECTED' then order_id end) as
reject
        from orders o
        group by 1
    ) as total_order
```

orders 1

select company, case when sent > 2 and Enter a SQL expression to filter results (use Ctrl+Space)

	Az company	Az category	total_orders
1	Delta	Normal	2
2	Beta	Good	5
3	Charlie	Superb	3
4	Alpha	Good	4