

Screencast 5-6

Window functions – rank. Part 2

Database - ADWF

RANK() OVER(partition by ..., .. order by)
DENSE_RANK() OVER(partition by order by)
ROW_NUMBER() OVER(partition by order by)

Task 1

Find products, which have 5 greatest numbers of finished manufacturing orders in every quarter. Exclude orders with scrapped items

```
select * from (
select
    quarter,
    productid,
    number_of_orders,
    dense_rank()
        OVER(partition by quarter order by number_of_orders desc) as r
from
    (select count(*) as number_of_orders,
        '' || date_part('y', w.enddate) || '_' || date_part('quarter', w.enddate) as
    quarter, w.productid
    from production.workorder as w
    where scrappedqty = 0
    group by 2, w.productid) as data) as rating
where
    r <=5
```