**Top 3 product :**

Select   
cat.name  
, prod.name  
, so.order\_value  
From sales\_order so  
Join product prod on p.id = so.product\_id  
Join product cat on cat.id = prod.category\_id  
where so.trx\_state = ‘Delivered’  
order by so.order\_value desc  
limit by 3  
;

**Sales value lower than average :**

Select   
cat.name  
, prod.name  
, so.order\_value  
, rata. avg\_order\_value  
From sales\_order so  
Join product prod on p.id = so.product\_id  
Join product cat on cat.id = prod.category\_id  
join (

Select  
cat.id  
, cat.name  
, avg(so.order\_value) avg\_order\_value  
From sales\_order so  
Join product prod on p.id = so.product\_id  
Join product cat on cat.id = prod.category\_id  
group by cat.id

) rata  
on rata.id = cat.id  
where so.trx\_state = ‘Delivered’  
and so.order\_value < rata. avg\_order\_value  
;

**sales lost and sales lost rate :**

select  
cat.name  
, lost.order\_value sales\_lost  
, (lost.order\_value /sum(so.total\_order)) sales\_lost\_rate  
  
From sales\_order so  
Join product prod on p.id = so.product\_id  
Join product cat on cat.id = prod.category\_id  
join (

select  
cat.id cat\_id  
, cat.name cat\_name  
, so.order\_value  
From sales\_order so  
Join product prod on p.id = so.product\_id  
Join product cat on cat.id = prod.category\_id  
where so.trx\_state = ‘Cancelled’

) lost  
on lost.cat\_id = cat.id