**Consultas SQL**

1. **Segmentar clientes por geolocalização** 
   1. **Segmentando por estado**

select customer\_state, count(\*) as quantidade

from olist.olist\_customers

group by customer\_state

order by quantidade desc





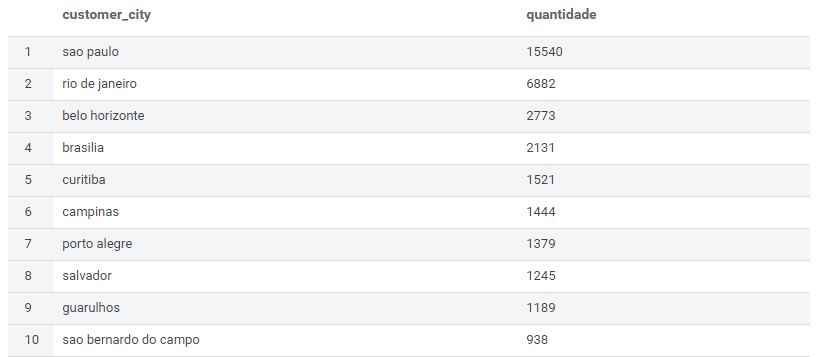
* 1. **Segmentando por cidade**

select customer\_city, count(\*) as quantidade

from olist.olist\_customers

group by customer\_city

order by quantidade desc



1. **Total de pedidos por período e categorias**

SELECT year(orders.order\_purchase\_timestamp) || '-' || LPAD(month(orders.order\_purchase\_timestamp), 2, '00') as order\_purchase\_year\_month,

products.product\_category\_name, count(\*) as quantidade

FROM olist\_orders orders

INNER JOIN olist\_order\_items order\_items

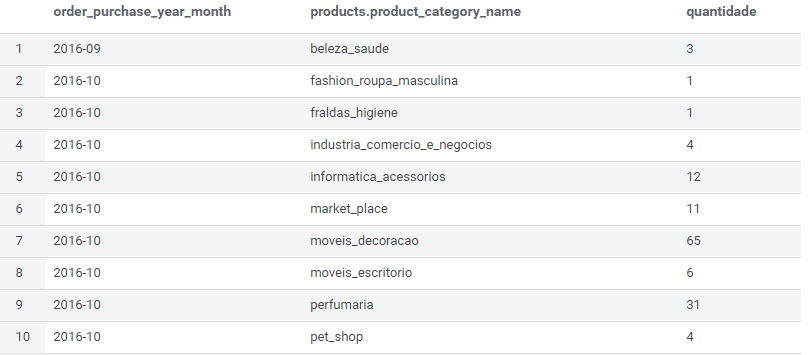
ON orders.order\_id = order\_items.order\_id

INNER JOIN olist\_products products

ON products.product\_id = order\_items.product\_id

group by year(orders.order\_purchase\_timestamp) || '-' || LPAD(month(orders.order\_purchase\_timestamp), 2, '00'), product\_category\_name

ORDER BY order\_purchase\_year\_month



1. **Total de pagamentos por método de pagamento**

SELECT payment\_type, count(\*) as quantidade

FROM olist.olist\_order\_payments

group by payment\_type

order by quantidade desc



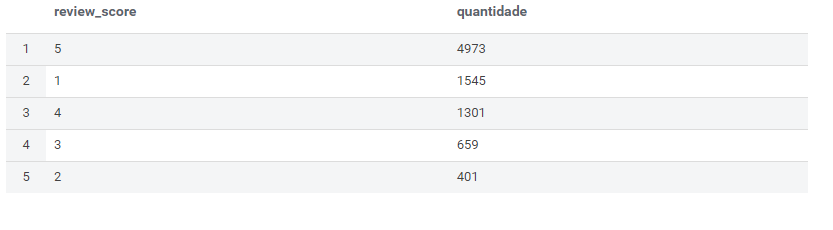
1. **Notas das avaliações**

select review\_score, count(\*) as quantidade

from olist\_order\_reviews

group by review\_score

order by quantidade desc



1. **Vendedores x vendas**
   1. **Por período**

SELECT year(orders.order\_purchase\_timestamp) || '-' || LPAD(month(orders.order\_purchase\_timestamp), 2, '00') as order\_purchase\_year\_month,

sellers.seller\_id, count(\*) as quantidade

FROM olist\_orders orders

INNER JOIN olist\_order\_items order\_items

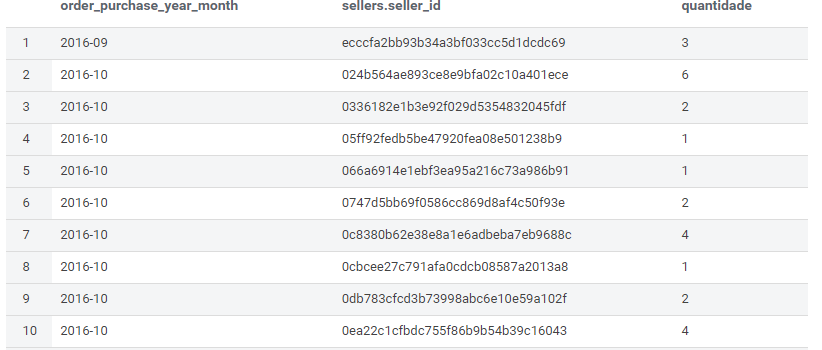
ON orders.order\_id = order\_items.order\_id

INNER JOIN olist\_sellers sellers

ON sellers.seller\_id = order\_items.seller\_id

group by sellers.seller\_id, year(orders.order\_purchase\_timestamp) || '-' || LPAD(month(orders.order\_purchase\_timestamp), 2, '00')

ORDER BY order\_purchase\_year\_month



* 1. **Por vendedor**

SELECT sellers.seller\_id, count(\*) as quantidade

FROM olist\_orders orders

INNER JOIN olist\_order\_items order\_items

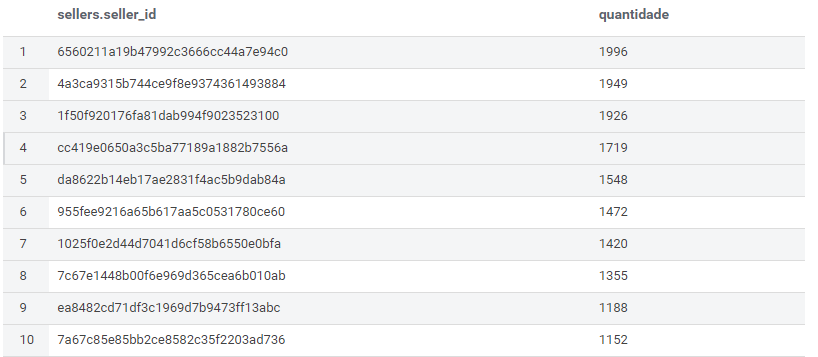
ON orders.order\_id = order\_items.order\_id

INNER JOIN olist\_sellers sellers

ON sellers.seller\_id = order\_items.seller\_id

group by sellers.seller\_id

ORDER BY quantidade desc



1. **Categoria de Produtos mais vendidos**

SELECT products.product\_category\_name, count(\*) as quantidade

FROM olist\_orders orders

INNER JOIN olist\_order\_items order\_items

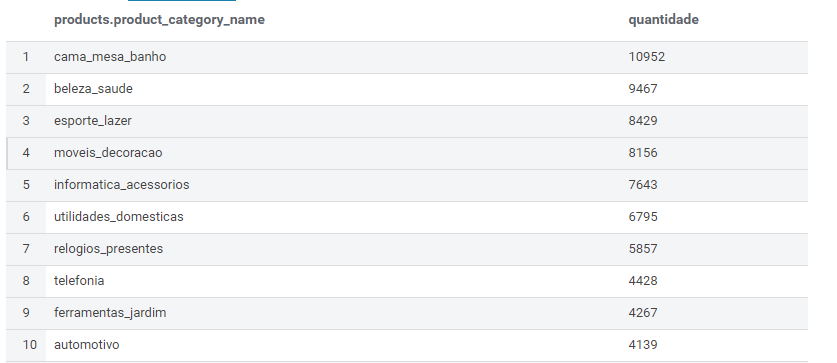
ON orders.order\_id = order\_items.order\_id

INNER JOIN olist\_products products

ON products.product\_id = order\_items.product\_id

group by product\_category\_name

ORDER BY quantidade desc



1. **Outras consultas**
   1. **Média de notas por categorias de produtos**

select products.product\_category\_name, round(avg(reviews.review\_score), 2) as media\_notas

from olist\_order\_reviews reviews

inner join olist\_orders orders

on orders.order\_id = reviews.order\_id

inner join olist\_order\_items order\_items

on order\_items.order\_id = orders.order\_id

inner join olist\_products products

on products.product\_id = order\_items.product\_id

group by products.product\_category\_name

order by media\_notas desc



* 1. **Média do frete por estado**

select customers.customer\_state, 'R$ ' || round(avg(order\_items.freight\_value), 2) as media\_frete

from olist\_customers customers

inner join olist\_orders orders

on orders.customer\_id = customers.customer\_id

inner join olist\_order\_items order\_items

on order\_items.order\_id = orders.order\_id

group by customers.customer\_state

order by media\_frete



