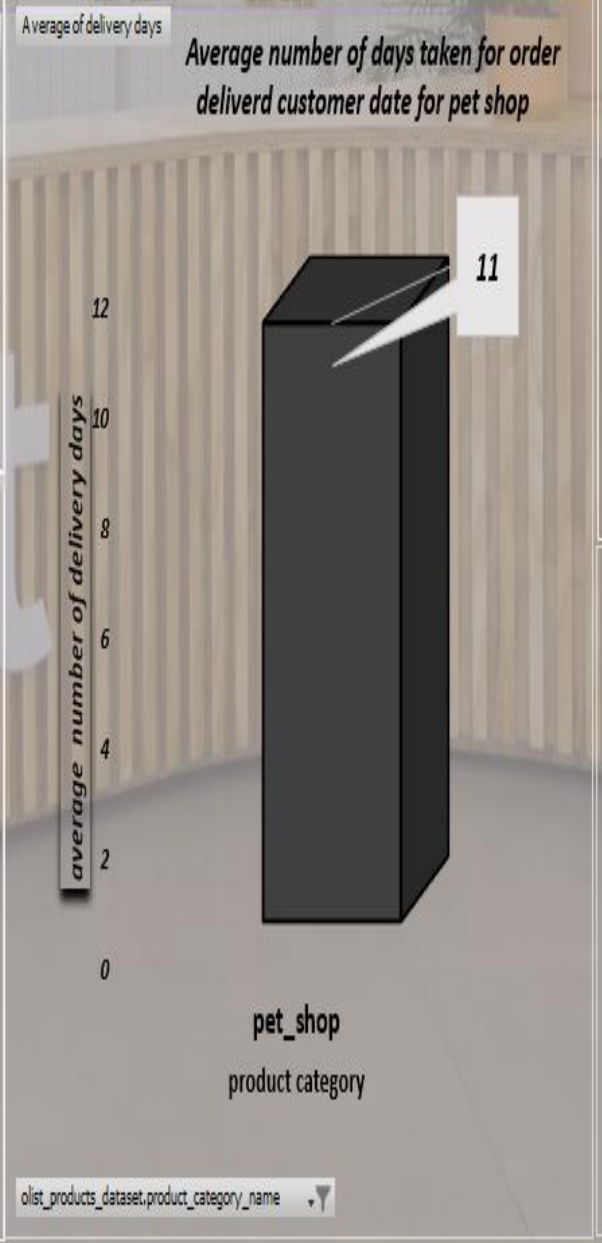
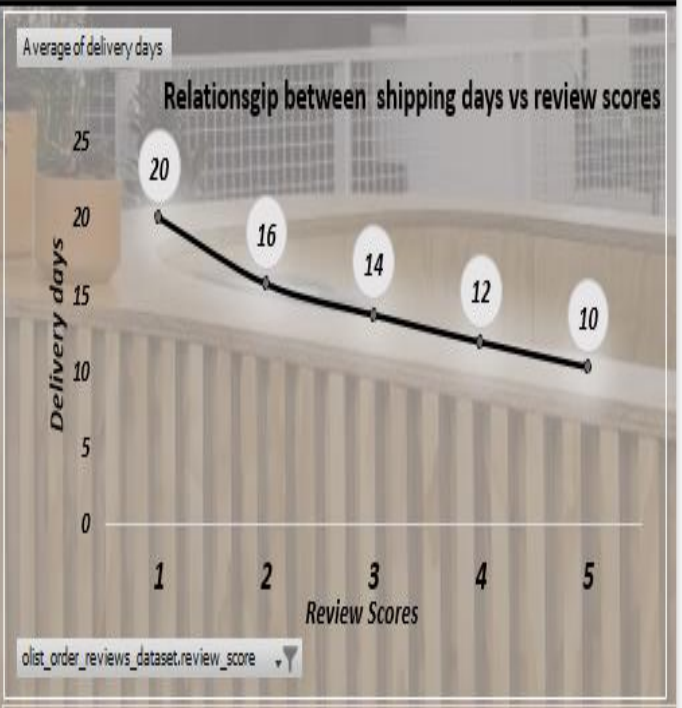
OLIST STORE ANALYSIS DASHBOARD

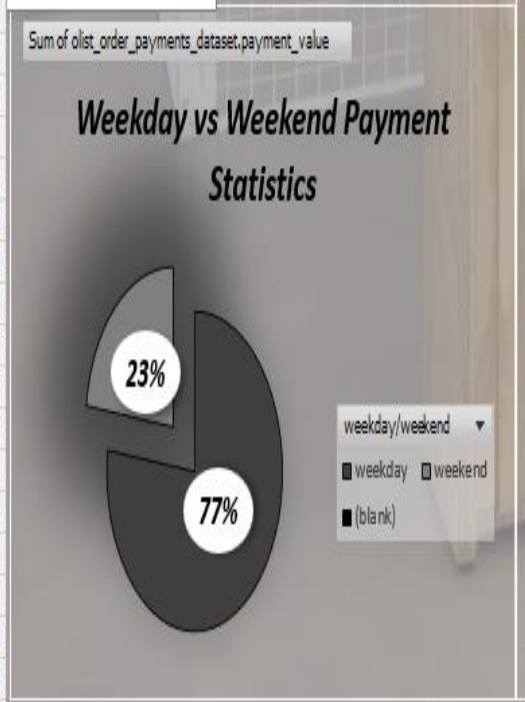
weekday/weekend
- weekday
- weekend

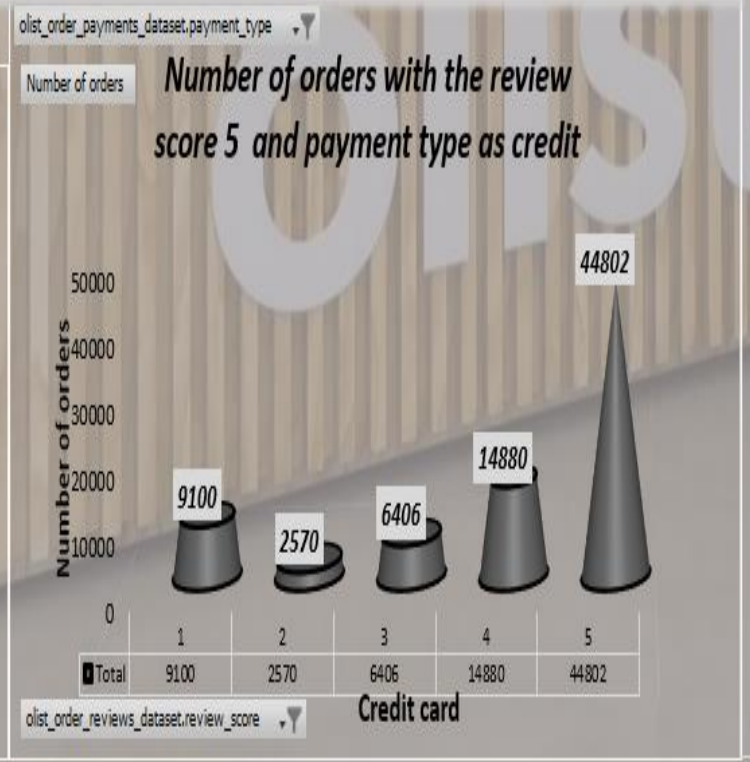
day
- Sun
- Mon
- Tue
- Wed
- Thu
- Fri
- Sat

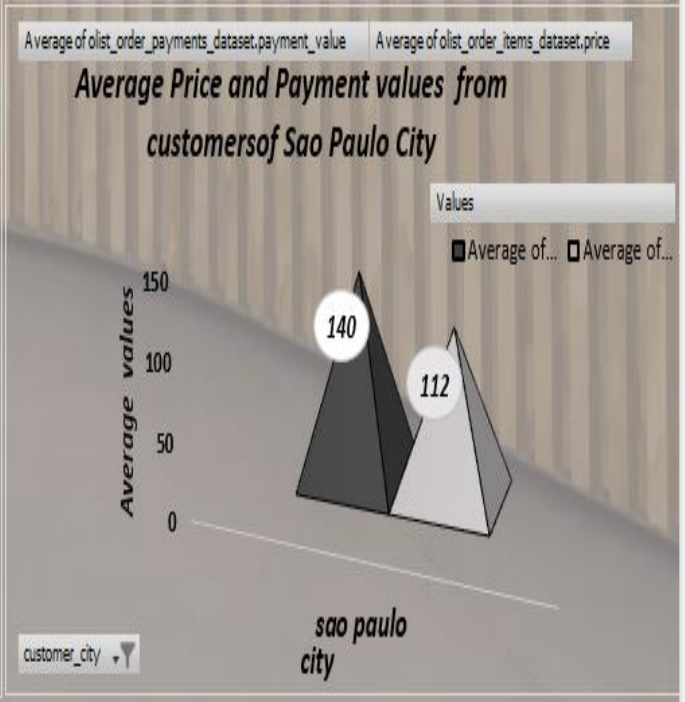
product_ca...
- agro_industri...
- alimentos
- alimentos_be...
- artes
- artes_e_artes...
- artigos_de_fe...
- artigos_de_n...











KPI -1)Weekday Vs Weekend (order_purchase_timestamp) Payment Statistics

```
8   -- KPI 1 Weekday Vs Weekend (order_purchase_timestamp) Payment Statistics
9   select case when weekday(order_purchase_timestamp) in (5,6) then  "weekend"
10  else "weekday"end as day, concat(round(sum(payment_value),0), ' ' , "(" , round(sum(payment_value)/ (select sum(payment_value)
11   from order_payments)*100), ")","%") as total_amount
12  from orders_dataset inner join order_payments  using( order_id) group by day ;
13
14
15
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

day	total_amount
weekday	12353223 (77)%
weekend	3637780 (23)%

Result Grid

KPI 2) Number of Orders with review score 5 and payment type as credit card

```
15    -- KPI 2 Number of Orders with review score 5 and payment type as credit card
16 •  select * from order_reviews;
17 •  select * from orders_dataset;
18 •  select * from order_payments;
19 •  with cte as  (select  review_score , payment_type , count(order_id) as no_of_orders from order_reviews inner join order_payments
20    using (order_id)  group by  review_score , payment_type having review_score=5)
21    select* from cte where payment_type="credit_card" ;
22
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

review_score	payment_type	no_of_orders
5	credit_card	44329

Result Grid

KPI 3) Average number of days taken for order_delivered_customer_date for pet_shop

```
31    -- kPI3 Average number of days taken for order_delivered_customer_date for pet_shop
32 •  select  p.product_category_name , round(avg(datediff(o.order_delivered_customer_date, o.order_purchase_timestamp)))
33    as "avg delivey days"
34    from products_dataset as p
35     inner join order_items as oi using(product_id) inner join orders_dataset as o using(order_id)
36     where  p.product_category_name="pet_shop"
37    group by p.product_category_name ;
38
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

product_category_name	avg delivey days
pet_shop	11

KPI 4) Average price and payment values from customers of sao paulo city

```sql
-- KPI 4 Average price and payment values from customers of sao paulo city
select c.customer_city,
round(avg(p.payment_value)) as avg_payment_values ,
round(avg(i.price)) as average_price
from
order_items  as i
 inner join order_payments as p  using(order_id)
 inner join orders_dataset as o using(order_id)
 inner join customers  as c using(customer_id)
 where c.customer_city="sao paulo"
 group by  c.customer_city ;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_city	avg_payment_values	average_price
sao paulo	139	111

KPI 5) Relationship between shipping days (order_delivered_customer_date - order_purchase_timestamp) Vs review scores

```
56      -- KPI 5 Relationship between shipping days (order_delivered_customer_date - order_purchase_timestamp) Vs review scores
57 •    select review_score,
58      AVG(DATEDIFF(order_delivered_customer_date, order_purchase_timestamp)) AS Avg_Shipping_Days
59      from orders_dataset
60      inner join order_reviews
61      using(order_id) group by review_score ORDER BY
62       Avg_Shipping_Days desc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

review_score	Avg_Shipping_Days
1	21.2519
2	16.6059
3	14.2043
4	12.2531
5	10.6254

THANK YOU