

## PROJECT DATA ANALYST 3

### "RETAILS SALES"

#### ➤ Total Transaksi

SQLQuery2.sql - loc...A41TOT1\rizki (60))\*

```
-- Total Transaksi --  
select count(Transaction_ID) as TotalTransaksi  
from retail_sales_dataset
```

100 %

Results Messages

	TotalTransaksi
1	1000

#### ➤ Total Quantity Product Sales

SQLQuery2.sql - loc...A41TOT1\rizki (60))\*

```
-- Total Quantity Product Sales --  
select sum(Quantity) as TotalProductSales  
from retail_sales_dataset
```

100 %

Results Messages

	TotalProductSales
1	2514

#### ➤ Total Sales

SQLQuery2.sql - loc...A41TOT1\rizki (60))\*

```
-- Total Sales --  
select sum(Total_Amount) as TotalSales  
from retail_sales_dataset
```

100 %

Results Messages

	TotalSales
1	456000

#### ➤ Total Transaction By Gender

```
-- Total Transaction by Gender --  
select Gender , count(Transaction_ID) AS TotalTransaksi  
from retail_sales_dataset  
group by Gender
```

100 %

Results Messages

	Gender	TotalTransaksi
1	Male	490
2	Female	510

### ➤ Total Product Category Sales By Gender

```
-- Total Product Category Sales by Gender
```

```
select Gender, Product_Category, sum(Quantity) TotalQuantitySales
from retail_sales_dataset
group by Gender, Product_Category
```

100 %

Results Messages

	Gender	Product_Category	TotalQuantitySales
1	Female	Beauty	418
2	Male	Clothing	453
3	Male	Beauty	353
4	Female	Clothing	441
5	Male	Electronics	410
6	Female	Electronics	439

### ➤ Total Product Category Sales By Age

```
-- Total Product Category Sales by Age
```

```
SELECT
CASE
    WHEN Age <= 25 THEN 'Remaja'
    WHEN Age <= 40 THEN 'Dewasa'
    ELSE 'Lansia'
END AS AgeCategory,
Product_Category,
SUM(Quantity) AS TotalQuantitySales
FROM retail_sales_dataset
GROUP BY
CASE
    WHEN Age <= 25 THEN 'Remaja'
    WHEN Age <= 40 THEN 'Dewasa'
    ELSE 'Lansia'
END,
Product_Category
```

100 %

Results Messages

	AgeCategory	Product_Category	TotalQuantitySales
1	Dewasa	Beauty	243
2	Dewasa	Clothing	274
3	Lansia	Electronics	461
4	Lansia	Clothing	491
5	Dewasa	Electronics	257
6	Remaja	Clothing	129
7	Lansia	Beauty	376
8	Remaja	Electronics	131
9	Remaja	Beauty	152

### ➤ Total Quantity Sales vs Total Amount by Product Category

```
-- Total Quantity Sales vs Total Amount by Product Category --
```

```
select Product_Category, sum(Quantity) as TotalQuantitySales, sum(Total_Amount) as TotalAmount  
from retail_sales_dataset  
group by Product_Category
```

100 %

Results Messages

	Product_Category	TotalQuantitySales	TotalAmount
1	Beauty	771	143515
2	Electronics	849	156905
3	Clothing	894	155580

### ➤ Daily Sales vs Daily Order

```
-- Daily Sales vs Daily Order --
```

```
SELECT  
    FORMAT(Date, 'MM') AS Bulan,  
    FORMAT(Date, 'dd') AS Hari,  
    SUM(Quantity) AS TotalQuantitySales,  
    SUM(Total_Amount) AS TotalAmount  
FROM retail_sales_dataset  
GROUP BY FORMAT(Date, 'MM'), FORMAT(Date, 'dd')  
order by FORMAT(Date, 'MM'), FORMAT(Date, 'dd')
```

100 %

Results Messages

	Bulan	Hari	TotalQuantitySales	TotalAmount
1	01	01	14	5130
2	01	02	10	1765
3	01	03	2	600
4	01	04	8	1240
5	01	05	5	1100
6	01	06	5	620
7	01	07	6	150
8	01	08	3	625
9	01	09	4	200
10	01	10	5	230
11	01	11	10	280
12	01	13	11	1930
13	01	14	10	1550
14	01	15	7	660
15	01	16	8	4000
16	01	17	8	1645
17	01	19	1	30
18	01	20	4	125
19	01	21	7	2090

## Full Query

```
-- Total Transaksi --
select count(Transaction_ID) as TotalTransaksi
into TotalTransaksi
from retail_sales_dataset

-- Total Quantity Product Sales --
select sum(Quantity) as TotalProductSales
into TotalQuantityProductSales
from retail_sales_dataset

-- Total Sales --
select sum(Total_Amount) as TotalSales
into TotalSales
from retail_sales_dataset

-- Total Transaction by Gender --
select Gender , count(Transaction_ID) AS TotalTransaksi
into TotalTransactionbyGender
from retail_sales_dataset
group by Gender

-- Total Product Category Sales by Gender
select Gender, Product_Category, sum(Quantity) TotalQuantitySales
into TotalproductCategorySalesbyGender
from retail_sales_dataset
group by Gender, Product_Category

-- Total Product Category Sales by Age
SELECT
CASE
    WHEN Age <= 25 THEN 'Remaja'
    WHEN Age <= 40 THEN 'Dewasa'
    ELSE 'Lansia'
END AS AgeCategory,
Product_Category,
SUM(Quantity) AS TotalQuantitySales
into TotalProductCategorySalesbyAge
FROM retail_sales_dataset
GROUP BY
CASE
    WHEN Age <= 25 THEN 'Remaja'
    WHEN Age <= 40 THEN 'Dewasa'
    ELSE 'Lansia'
END,
Product_Category

-- Total Quantity Sales vs Total Amount by Product Category --
select Product_Category, sum(Quantity) as TotalQuantitySales, sum(Total_Amount) as TotalAmount
into TotalQuantityvsTotalAmountByProduct
from retail_sales_dataset
group by Product_Category

-- Daily Sales vs Daily Order --
SELECT
    FORMAT(Date, 'MM') AS Bulan,
    FORMAT(Date, 'dd') AS Hari,
    SUM(Quantity) AS TotalQuantitySales,
    SUM(Total_Amount) AS TotalAmount
into DailySalesvsDailyOrder
FROM retail_sales_dataset
GROUP BY FORMAT(Date, 'MM'), FORMAT(Date, 'dd')
order by FORMAT(Date, 'MM') ,FORMAT(Date, 'dd')
```

HASIL DASHBOARD

Sales Retail Dashboard

Bulan

All

456.00K

Total Sales

2514

Total Product Sales

1000

Total Transaksi

2514

Total Product Sales

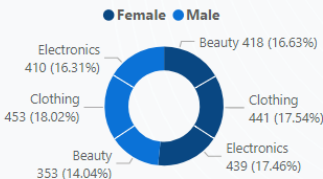
Total Quantity Sales and Total Amount by Hari



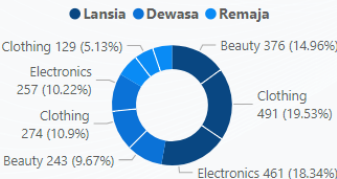
TotalAmount and Total QuantitySales by Product\_Category



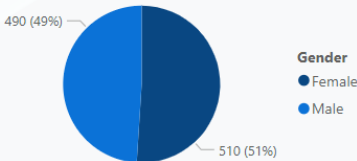
Total Quantity Sales by Gender and Product\_Category



Total Quantity Sales by Age Category and Product\_Category



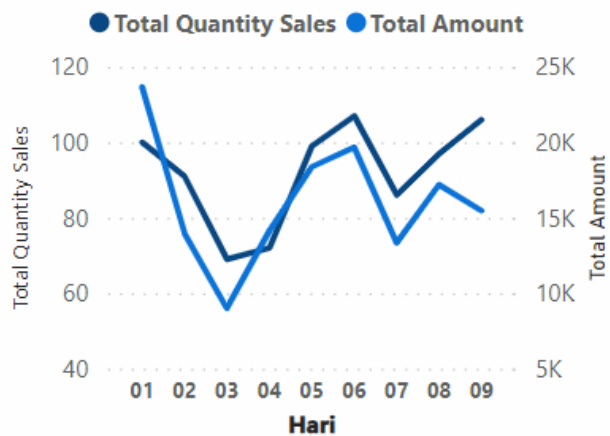
Total Transaksi by Gender



2514

Total Product Sales

### Total Quantity Sales and Total Amount by Hari



### TotalAmount and Total QuantitySales by Product\_Category

## Sales Retail Dashboard

Bulan

All

456.00K

Total Sales

2514

Total Product Sales

1000

Total Transaksi

2514