Rakamin Academy **X** Bank Muamalat Pertama Murni Syariah

Business Intelligence Analyst

Virtual Internship Experience

By Arini Arumsari

About Me

Graduate from State Polytechnic of Malang, Recently I join bootcamp at Rakamin Academy majoring Data Scientist for six month, I have experience internship virtual from Rakamin Academy X PT. Bank Muamalat as a Business Intelligence Analyst.
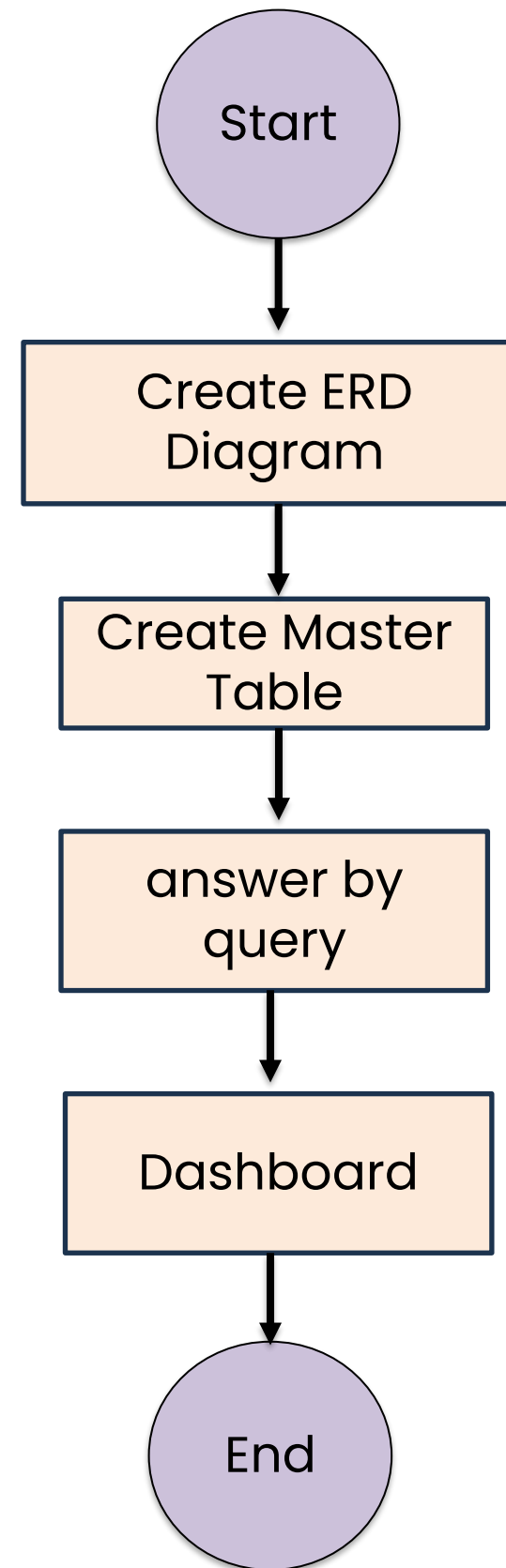
Arini Arumsari

Portfolio

BIKE SHARING DATASET

This project aims to analyze the data in the Bike Sharing Dataset. The ultimate goal is to generate useful insights and information from the analyzed data. link
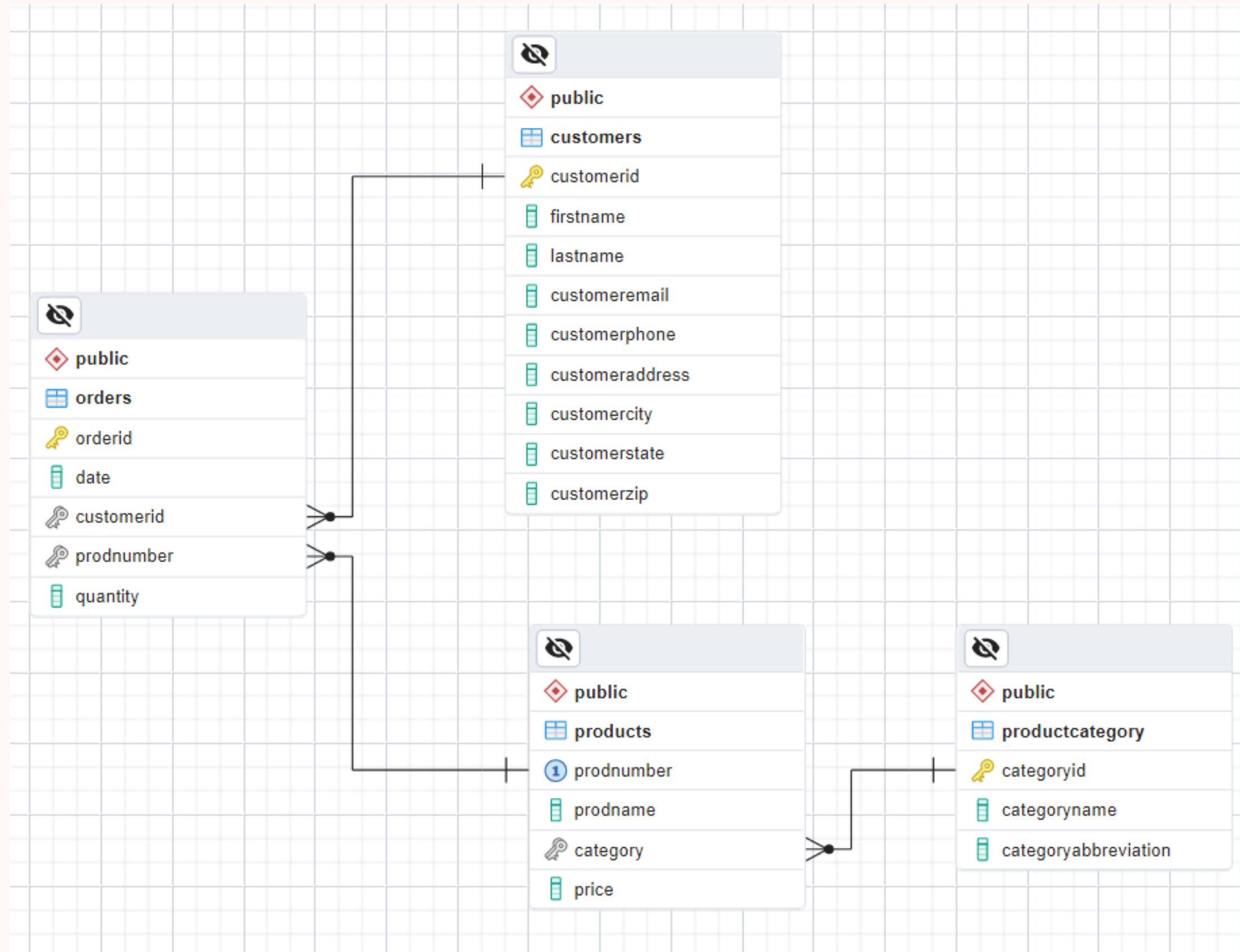
VEHICLE INSURANCE

The company aims to predict customer interest from existing health insurance policyholder data. To do this, a model is needed that can assist the process. link

Flow Chart

Create ERD Diagram

Create Master Table

```sql
1   CREATE TABLE MASTER AS                          --BIKIN TABEL MASTER
2   SELECT  TO_CHAR(ord.date, 'YYYY-DD-MM'),
3       pc.categoryname,
4       pr.prodname  AS product_name,
5       pr.price AS product_price,
6       ord.quantity AS order_qty,
7       (pr.price * ord.quantity) AS total_sales,
8       cu.customeremail AS cust_email,
9       cu.customercity AS cust_city
10  FROM orders ord
11      JOIN customers cu ON ord.customerid =  cu.customerid
12      JOIN products pr ON ord.prodnumber = pr.prodnumber
13      JOIN productcategory pc ON  pc.categoryid = pr.category
14  ORDER BY ord.date, ord.quantity
15
```
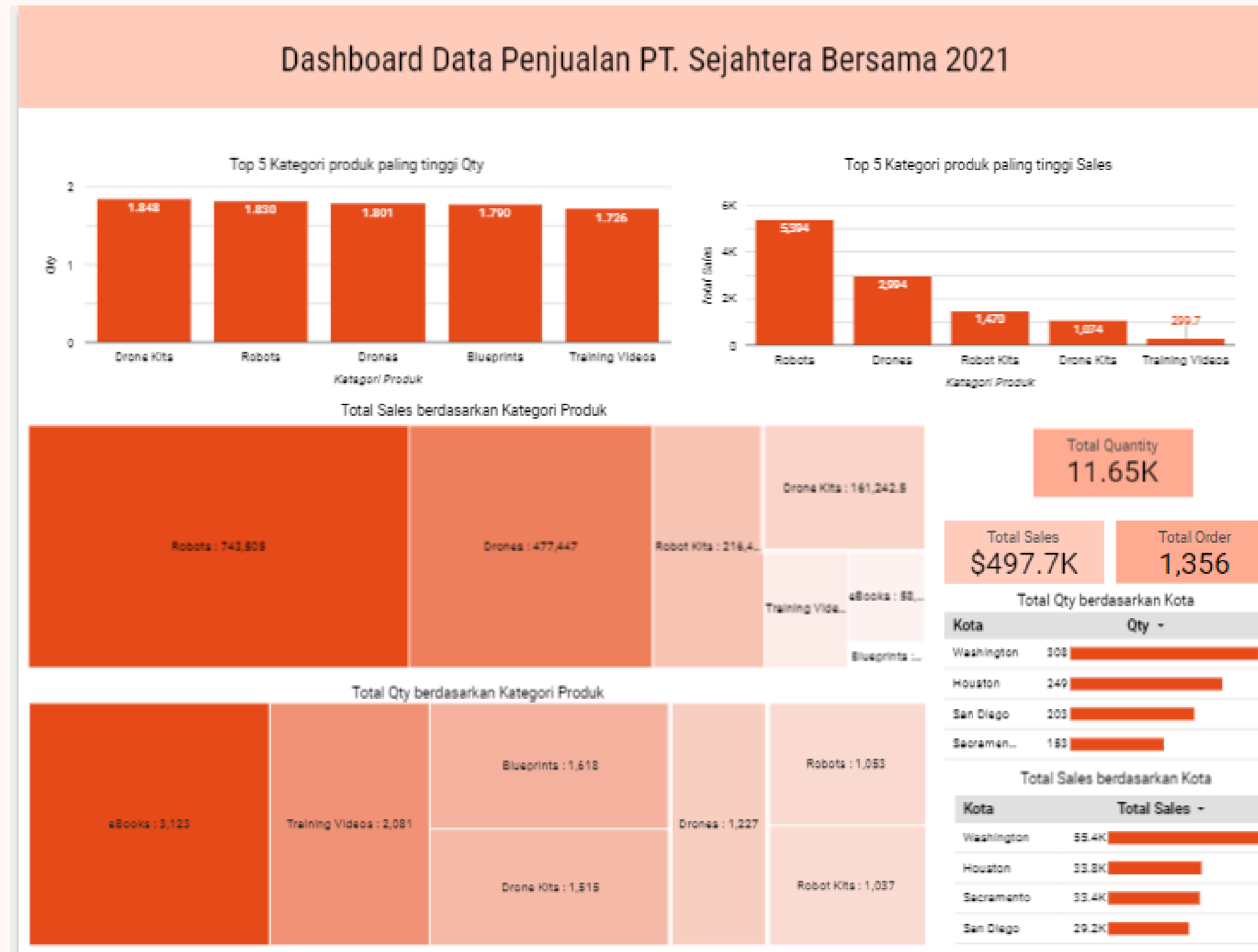
Data Output   Messages   Notifications

SELECT 3339

Query returned successfully in 148 msec.

```sql
1   SELECT * FROM public.master
```

Data Output   Messages   Notifications

	order_date text	category_name character varying	product_name character varying	product_price double precision	order_qty integer	total_sales double precis	cust_email character varying	cust_city character varying
5	2020-01-01	eBooks	Spherical Robots	16.75	5	83.75	lfromonte9@...	Birmingham
6	2020-01-01	Training Videos	Drone Video Techn...	37.99	6	227.94	gstiggersdd@...	Saint Petersburg
7	2020-02-01	Training Videos	Understanding Aut...	44.95	1	44.95	ksteershp@a...	San Diego

Dashboard

Dashboard Data Penjualan PT. Sejahtera Bersama 2021
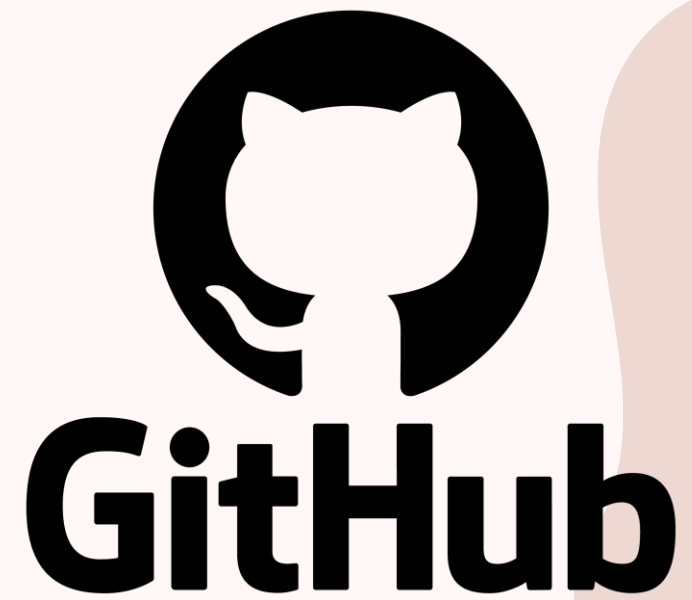
Link Dashboard

Conclusion

Conclusion 1

The number of Robot Kits Product Categories has been increased because, based on sales data, the Robot Kits Product Category has entered the top 5 sales. This means that interest in the Robot Kits Product Category is greater than interest in the Blueprints Product Category.

Conclusion 2

Based on the top 5 sales chart, the Robot Product Category has the highest sales compared to the others. It would be better if we added more Robot Product Categories.

Contact

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link

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Thank You