

Final Task BI Analyst

Rakamin Academy X Bank Muamalat

Project Based Internship Program

Presented by:
Yemima MDS



Bank Muamalat

Rakamin
Academy



Yemima MDS

<https://www.linkedin.com/in/yemimamds>

Hii I'm Yemima, a fresh graduate.

I'm interested in data analysis, visualization, and AI

I'm dedicated to continuously learning and adapting to the fast-paced digital landscape.

1

Participants in the ongoing FGA DTS 2024 training
-digitalent, Progate, dan Kominfo

2

Microsoft Azure Data Fundamentals
-by Microsoft, Prakerja, and Mereka

3

Career Essentials in Generative AI
-by Microsoft and LinkedIn

Primary Key

Customer

CustomerID

Products

ProdNumber

Orders

OrderID

Product

CategoryID



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Relationship Table



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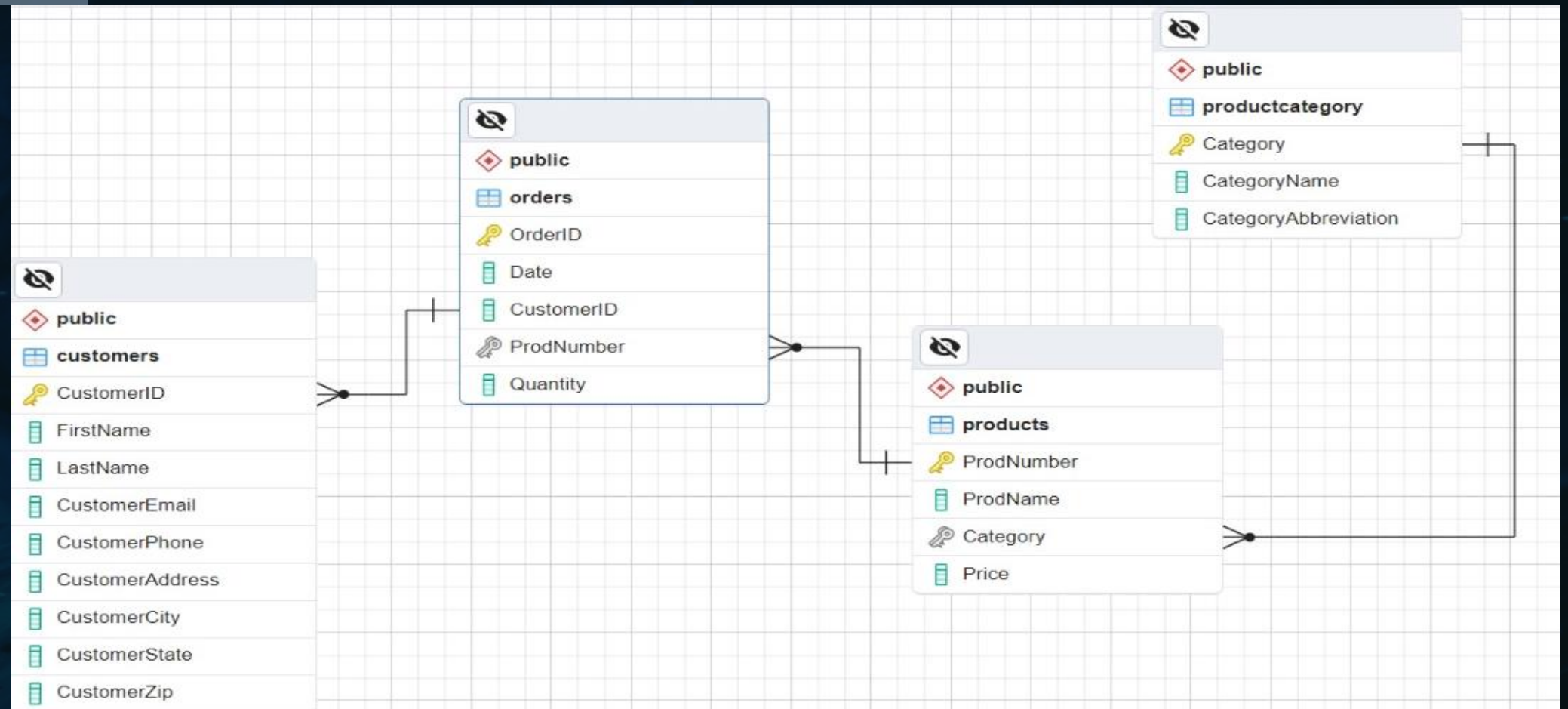


Table Master



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order_date	category_name	product_name	product_price	order_qty	total_sales	cust_email	cust_city
2020-01-01	Blueprints	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	Robot Kits	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	Robots	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	Drones	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	Drone Kits	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	Training Videos	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	eBooks	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#n	Birmingham
2020-01-01	Blueprints	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	Robot Kits	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	Robots	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	Drones	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	Drone Kits	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	Training Videos	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	eBooks	Drone Video Techni	37.99	6	227.94	gstiggersdd@eventbr	Saint Petersburg
2020-01-01	Blueprints	RWW-75 Robot	883	3	2649	tmckemot@tinyurl.cc	Katy
2020-01-01	Robot Kits	RWW-75 Robot	883	3	2649	tmckemot@tinyurl.cc	Katy
2020-01-01	Robots	RWW-75 Robot	883	3	2649	tmckemot@tinyurl.cc	Katy
2020-01-01	Drones	RWW-75 Robot	883	3	2649	tmckemot@tinyurl.cc	Katy
2020-01-01	Drone Kits	RWW-75 Robot	883	3	2649	tmckemot@tinyurl.cc	Katy
2020-01-01	Training Videos	RWW-75 Robot	883	3	2649	tmckemot@tinyurl.cc	Katy

```
SELECT
Orders.Date order_date,
productcategory.CategoryName category_name,
products.ProdName product_name,
products.Price product_price,
Orders.Quantity order_qty,
(Price*Quantity) AS total_sales,
Customers.CustomerEmail cust_email,
Customers.CustomerCity cust_city
from endless-beach-422816-s6.yemimamds.productcategory productcategory
inner join
endless-beach-422816-s6.yemimamds.products products ON products.Category = products.category
inner join
endless-beach-422816-s6.yemimamds.Orders Orders inner join endless-beach-422816-s6.yemimamds.Customers
Customers on Customers.CustomerID = Orders.CustomerID
on products.ProdNumber = orders.ProdNumber
order by order_date
```


DashBoard



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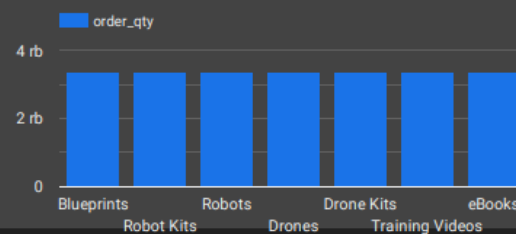
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Sales Dashboard

PT SEJAHTERA BERSAMA

Total Sales: \$ 12.283.253,99

Total Overall Quantity by Product Category



Total Overall Sales by Product Category



"Top 5 product categories with the highest sales"

1.	Blueprints	1
2.	Robot Kits	2
3.	Robots	3
4.	Drones	4
5.	Drone Kits	5

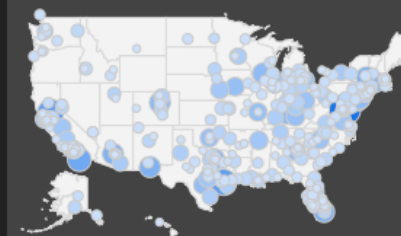
1 - 5 / 7 < >

"Top 5 categories with the highest sales Quantity"

1.	Blueprints	1
2.	Robot Kits	2
3.	Robots	3
4.	Drones	4
5.	Drone Kits	5

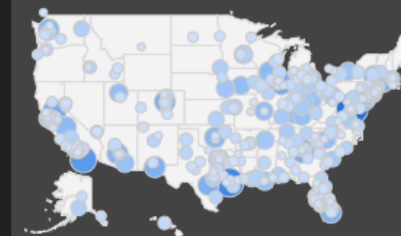
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"Total sales by city"



125,86 837,673.58

"Total quantity by city"



7 2,153



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Recommendation

1

Blueprints refer to the categories of products that exhibit the highest sales and quantity, suggesting potential corporate insights and innovation opportunities for addressing sustainability concerns .

2

From the map, we can observe a balanced spread of total quantity across America, suggesting the potential for considering exporting products to neighboring countries to increase product sales and profitability.

3

Increasing sales can also be achieved through promotional activities that involve actively engaging in social initiatives that contribute to building the company's image

Link Data:

<https://drive.google.com/file/d/19coyTVeqDRa17tScISj3gZQiFNHTD50n/view?usp=sharing>

Thank You