

Business Analyst

Business Analyst Batch February

Presented by
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Muhammad Chaliq

About Me

S1 informatics engineering with experience in the field. have a GPA of 3.73. looking for data analysts. have reliable skills in SQL, Python, Looker Studio, Power BI, PG admin and big data analysts. able to establish cooperative relationships with various groups.

Insert Your Experience



Experience 1

internship during college as a report and web-based application development at cv rizky jaya mandiri



Experience 2

internship at rakamin with kimia farma as big data analytics learning about basic data analyst, sql, looker studio. dst

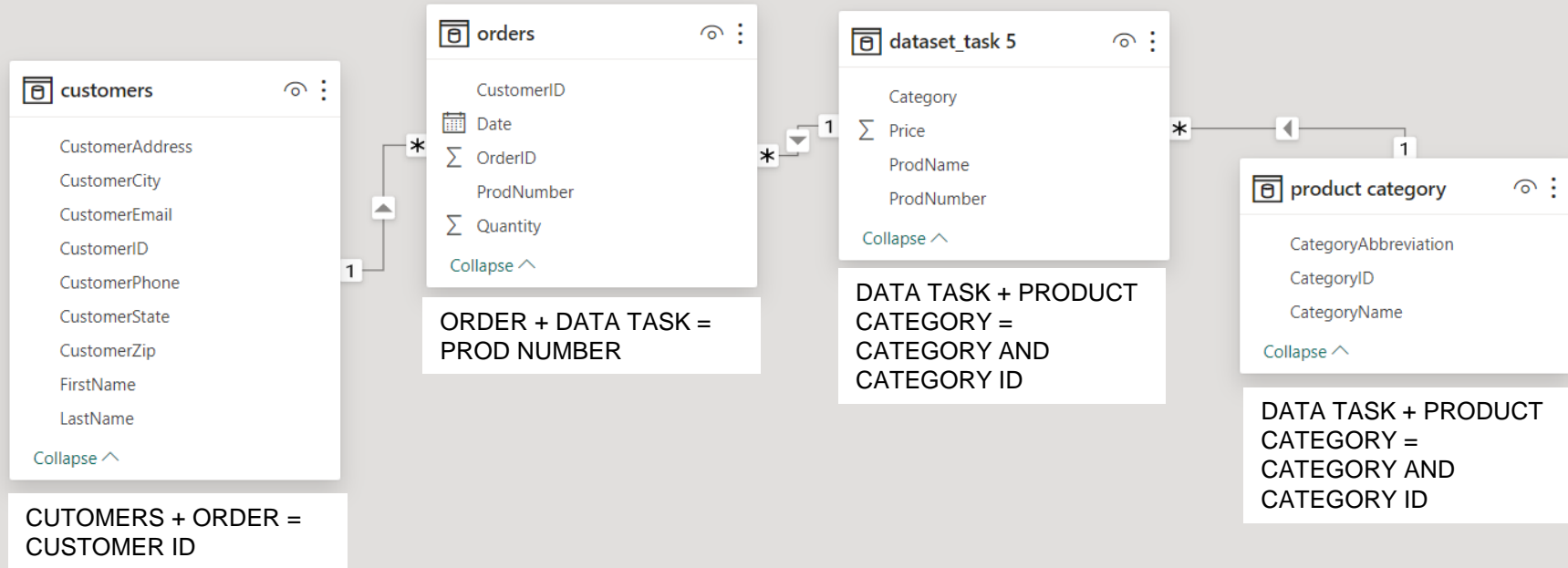
Case Study

Tentukan masing-masing primary key pada 4 dataset penjualan

1. Primary key tabel Customer : **CustomerID**
2. Primary key tabel Products : **ProdNumber**
3. Primary key tabel Orders : **OrderID**
4. Primary key tabel ProductCategory : **CategoryID**

Case Study

Tentukan relationship dari ke-4 table tersebut



Case Study

Sebagai BI Analyst PT Sejahtera Bersama, kita akan membuat sebuah table master yang berisikan informasi

- CustomerEmail (cust_email)
- CustomerCity (cust_city)
- OrderDate (order_date)
- OrderQty (order_qty)
- ProductName (product_name)
- ProductPrice (product_price)
- ProductCategoryName (category_name)
- TotalSales (total_sales)

Answer

```
1 select date Order_Date, CategoryName Category_Name,Prodname Product_Name,price Product_Price , quantity Order_Quantity ,  
2 Price * Quantity Total_sales , CustomerEmail Cust_Email , CustomerCity Cust_City  
3 from `new0014.0852.Data Set Task 5` as ask  
4 inner join `new0014.0852.Order` as der on ask.prodnumber = der.prodnumber  
5 inner join `new0014.0852.costumers` as ers on ers.CustomerID = der.CustomerID  
6 inner join `new0014.0852.Product Category` as ory on ory.categoryID = ask.category  
7 order by 1,5 asc
```


Answer

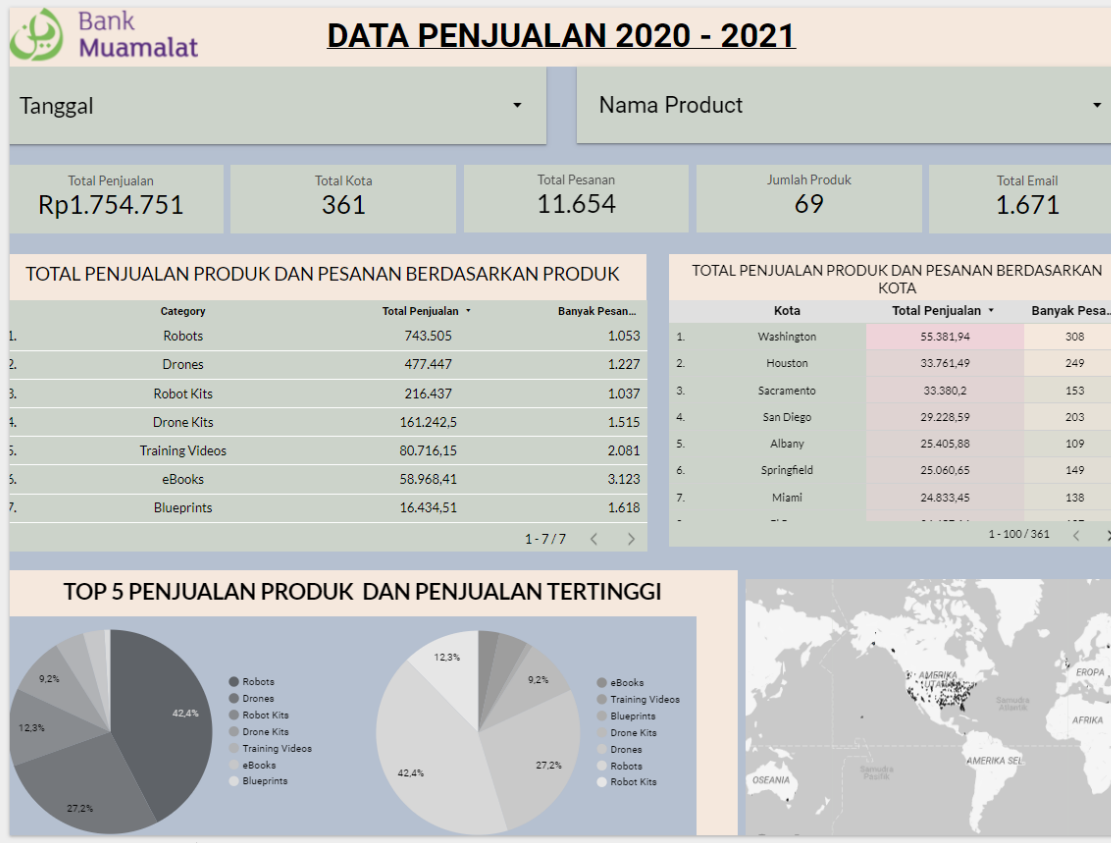
Row	Order_Date	Category_Name	Product_Name	Product_Price	Order_Quantity	Total_sales	Cust_Email	Cust_City
1	2020-01-01	Drone Kits	BYOD-220	69.0	1	69.0	edew@nba.com#mailto:edew...	Honolulu
2	2020-01-01	eBooks	Polar Robots	23.99	2	47.98	fvaslerqt@comsenz.com#mailt...	Jackson
3	2020-01-01	Robots	RWW-75 Robot	883.0	3	2649.0	tmckernot@tinyurl.com#mailto...	Katy
4	2020-01-01	eBooks	SCARA Robots	19.5	5	97.5	llespercx@com.com#mailto:lle...	Des Moines
5	2020-01-01	eBooks	Spherical Robots	16.75	5	83.75	lfromonte9@de.vu#mailto:lfro...	Birmingham
6	2020-01-01	Training Videos	Drone Video Techniques	37.99	6	227.94	gstiggersdd@eventbrite.com# mailto:gstiggersdd@eventbrit e.com#	Saint Petersburg
7	2020-01-02	Training Videos	Understanding Automation	44.95	1	44.95	ksteershp@ameblo.jp#mailto:k...	San Diego
8	2020-01-02	Blueprints	Ladybug Robot Blueprint	12.0	2	24.0	akingaby78@deviantart.com#...	West Palm Beach
9	2020-01-02	Drones	DTE-QFN20 Drone	250.0	2	500.0	jcolthurstgu@cbsnews.com#m...	Sacramento
10	2020-01-02	Robot Kits	BYOR-2640S	189.0	2	378.0	aguiongo@behance.net#mailto...	Houston
11	2020-01-02	Robot Kits	BYOR-2640S	189.0	2	378.0	gmirrlees4v@state.tx.us#mailt...	Washington
12	2020-01-02	Robot Kits	BYOR-3000	214.0	2	428.0	croylede@dot.gov#mailto:croyl...	Virginia Beach
13	2020-01-02	Training Videos	Drone Video Techniques	37.99	2	75.98	lgatenbyel@quantcast.com#m...	Des Moines
14	2020-01-02	eBooks	Fixed Wing Drones	15.5	3	46.5	ohalbardv@booking.com#mail...	Birmingham
15	2020-01-02	Drone Kits	BYOD-100	54.0	5	270.0	jzellick84@ustream.tv#mailto:j...	Washington
16	2020-01-03	Robots	MICR-23K Robot	899.0	2	1798.0	cciobutaru6v@netlog.com#ma...	Charlotte
17	2020-01-03	Drone Kits	BYOD-350	89.95	3	269.85	bbockhc0@jimdo.com#mailto:...	Torrance
18	2020-01-03	Training Videos	Drone Video Techniques	37.99	3	113.97	rrehm6a@yandex.ru#mailto:rre...	Green Bay
19	2020-01-03	Drones	DA-SA702 Drone	399.0	4	1596.0	cgabrielraq@spotify.com#mailt...	Stamford
20	2020-01-04	Drone Kits	BYOD-550	179.0	2	358.0	nmaven3o@go.com#mailto:n...	Sarasota
21	2020-01-04	Drones	DC-304 Drone	395.0	3	1185.0	sabrahamian3i@zimbio.com#...	Charlotte

Case Study

Dari hasil tabel yang dibuat pada soal nomor 3, simpanlah hasilnya dalam bentuk CSV. Dengan menggunakan Looker Studio, buatlah visualisasi yang menampilkan data penjualan tersebut. Visualisasi tersebut harus berisi minimal :

- Total keseluruhan sales
- Total keseluruhan sales berdasarkan kategori produk
- Total keseluruhan qty berdasarkan kategori produk
- Total sales berdasarkan kota
- Total qty berdasarkan kota
- Top 5 kategori produk yang paling tinggi salesnya
- Top 5 kategori produk yang paling tinggi qtynya

Answer



Case Study

Sebagai BI analyst PT Sejahtera Bersama, apa yang bisa anda usulkan untuk mempertahankan penjualan ataupun menaikkan penjualan dengan tabel transaksi detail yang sudah ada

- **Mempertahankan kualitas barang yang telah laris di jual dan membuat inovasi baru supaya pelanggan tidak bosan dengan barang barang yang itu itu saja**
- **Memberikan Promo saat hari hari tertentu untuk meningkatkan penjualan dan penarikan pelanggan**
- **Membuat ads atau promosi di Instagram facebook tiktok dll atau bisa juga dengan meng endorse artis/ selebgram**

Insert Your Link Here

<https://github.com/honglingchaqua/Business-Analyst>

Video Presentation Here

<https://youtu.be/uS37ne2fLDw>

Thank You



X



Bank
Muamalat