



Task 5 Rakamin

Bank Muamalat Business Intelligence Analyst

Presented by Reza Donsika Putra





Reza Donsika Putra

About You

Final year student in Telkom University, passionate and enthusiast in programming, business and data environment.

My Experience

Practice Assistant in Informatics Lab, Telkom University (Feb - Jun 2023)

Data Analyst Internship in Jabar Digital Service, Bandung (Jul - Agu 2023)

Data Engineer Internship in Jabar Digital Service, Bandung (Agu - Sep 2023)



Case Study

Create a Dashboard from raw data

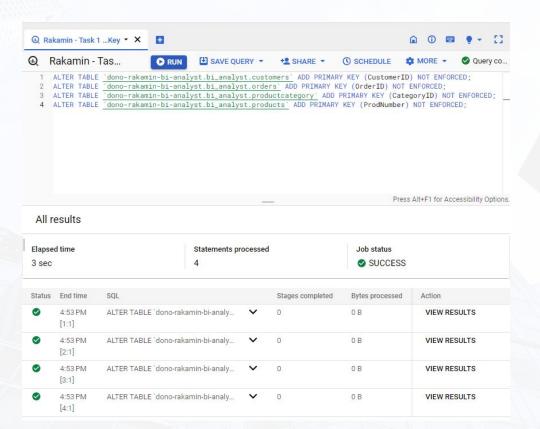


Tentukan masing-masing primary key pada 4 dataset penjualan

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

Task 1 - Set PK





Task 1 - Result



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Tentukan relationship dari ke-4 table tersebut

Task 2 - Relation Rakamin Academy

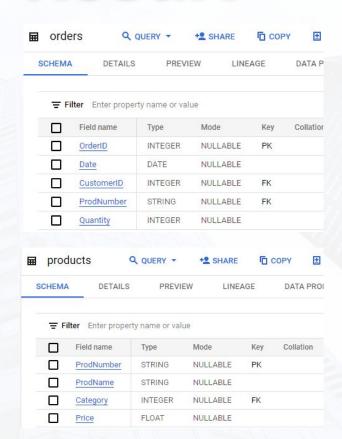


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Task 2 - Result



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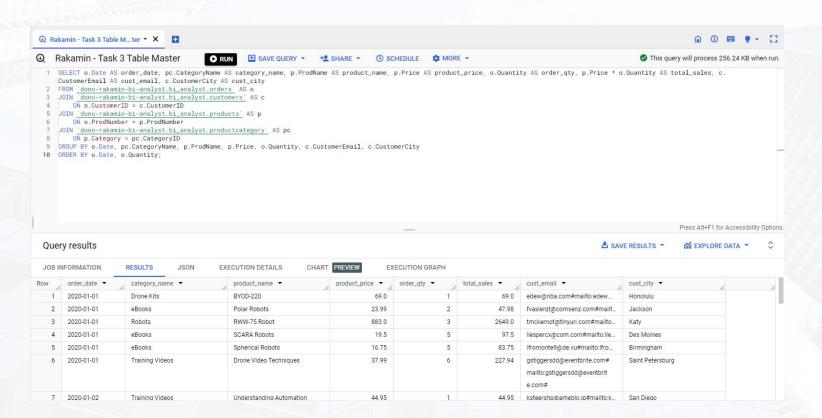


Sebagai BI Analyst PT Sejahtera Bersama, kita akan membuat sebuah table master yang berisikan informasi :

- CustomerEmail (cust email)
- CustomerCity (cust_city)
- OrderDate (order date)
- OrderQty (order_qty)
- ProductName (product_name)
- ProductPrice (product_price)
- ProductCategoryName (category_name)
- TotalSales (total_sales)

Task 3 - Query







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 :

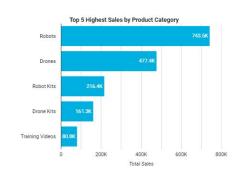
- Total keseluruhan sales
- Total keseluruhan sales berdasarkan kategori produk
- Total keseluruhan qty berdasarkan kategori produk
- Total sales berdasarkan kota
- Total qty berdasarkan kota
- Top 5 kategori produk yang paling tinggi salesnya
- Top 5 kategori produk yang paling tinggi qtynya

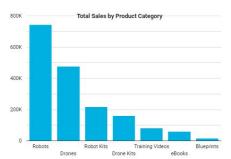
Task 4 - Chart



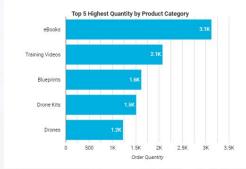
PT. SEJAHTERA BERSAMA DASHBOARD

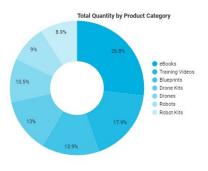
Total Sales 1.8M















Task 5 - Result

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

- Saran atau usulan dari saya sendiri yaitu menaikkan kuantitas dari kategori produk yaitu Robots dikarenakan total penjualan dari kategori produk Robots sangat signifikan, serta meningkatkan kualitas dari penjualan eBooks dikarenakan memiliki penjualan produk yang sangat tinggi, namun memiliki harga yang rendah



Drive Link

https://drive.google.com/drive/folders/192jYwu0gJijBFmr7Xn4EdHKz7UVC9QDg?usp=sharing



GitHub Link

https://github.com/fallennnn/rakamin_bi_analyst_pbi



Video Presentation

https://youtu.be/f9afFYRXmVo

Thank You





