

# SELLING REPORT AT KIMIA FARMA

I Putu Darma Ruswara

## Table Base “Barang”

Column	Data Type	Description	Transformation
kode_barang	text	Kolom menampilkan kode barang	-
sektor	text	Kolom menampilkan sektor barang	-
nama_barang	text	Kolom menampilkan nama barang	-
tipe	text	Kolom menampilkan tipe barang	-
nama_tipe	text	Kolom menampilkan nama tipe barang	-
kode_lini	integer	Kolom menampilkan kode lini barang	-
lini	text	Kolom menampilkan lini barang	-
kemasan	text	Kolom menampilkan kemasan barang	-

# Table Base “Barang”

```
1 CREATE TABLE `barang` (  
2     `kode_barang` text,  
3     `nama_barang` text,  
4     `kemasan` text,  
5     `harga` int DEFAULT NULL,  
6     `nama_tipe` text,  
7     `kode_brand` int DEFAULT NULL,  
8     `brand` text  
9 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

# Table Base “Pelanggan”

```
1 CREATE TABLE `pelanggan` (  
2     `id_customer` text,  
3     `level` text,  
4     `nama` text,  
5     `id_cabang_sales` text,  
6     `cabang_sales` text,  
7     `id_group` text,  
8     `group` text  
9 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

## Table Base “Pelanggan”

Column	Data Type	Description	Transformation
id_customer	text	Menampilkan kolom id customer	-
level	text	Menampilkan kolom level	-
nama	text	Menampilkan kolom nama customer	-
id_cabang_sales	text	Menampilkan kolom id cabang sales	-
cabang_sales	text	Menampilkan kolom cabang sales	-
id_group	text	Menampilkan kolom id group	-
group	text	Menampilkan kolom group	-

# Table Base “Penjualan”

```
1 CREATE TABLE `penjualan` (  
2     `id_distributor` text,  
3     `id_cabang` text,  
4     `id_invoice` text,  
5     `tanggal` datetime DEFAULT NULL,  
6     `id_customer` text,  
7     `id_barang` text,  
8     `jumlah_barang` int DEFAULT NULL,  
9     `unit` text,  
10    `harga` double DEFAULT NULL,  
11    `mata_uang` text,  
12    `brand_id` text,  
13    `lini` text  
14 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

## Table Base “Penjualan”

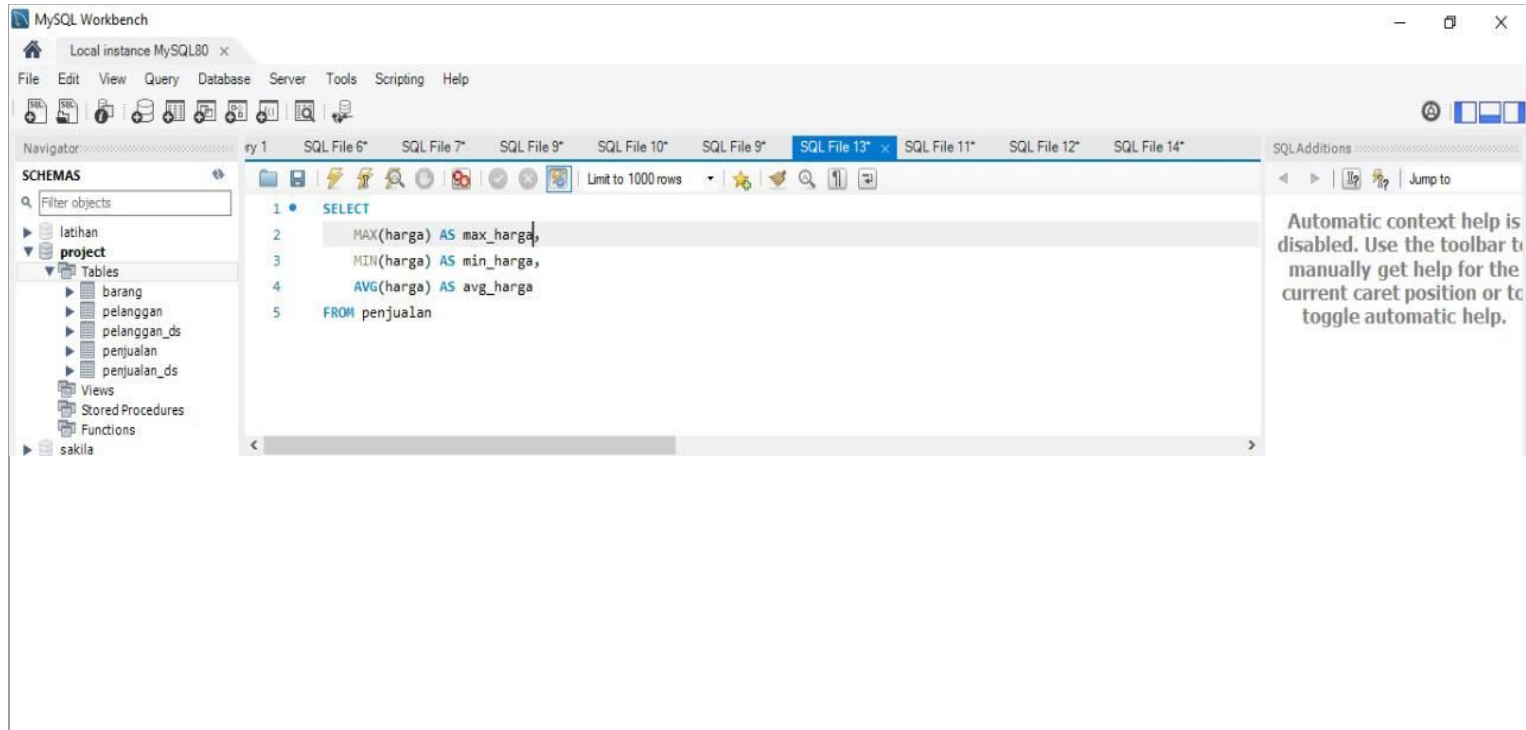
Column	Data Type	Description	Transformation
id_distributor	text	Menampilkan kolom id distributor	-
id_cabang	text	Menampilkan kolom id cabang	-
id_invoice	text	Menampilkan kolom id invoice	-
tanggal	date	Menampilkan kolom tanggal	-
id_customer	text	Menampilkan kolom id customer	-
id_barang	text	Menampilkan kolom id barang	-

## Table Base “Penjualan”

Column	Data Type	Description	Transformation
jumlah_barang	integer	Menampilkan kolom jumlah barang	-
unit	text	Menampilkan kolom unit	-
harga	double	Menampilkan kolom harga	-
mata_uang	text	Menampilkan kolom mata uang	-
brand_id	text	Menampilkan kolom brand id	-
lini	text	Menampilkan kolom lini	-



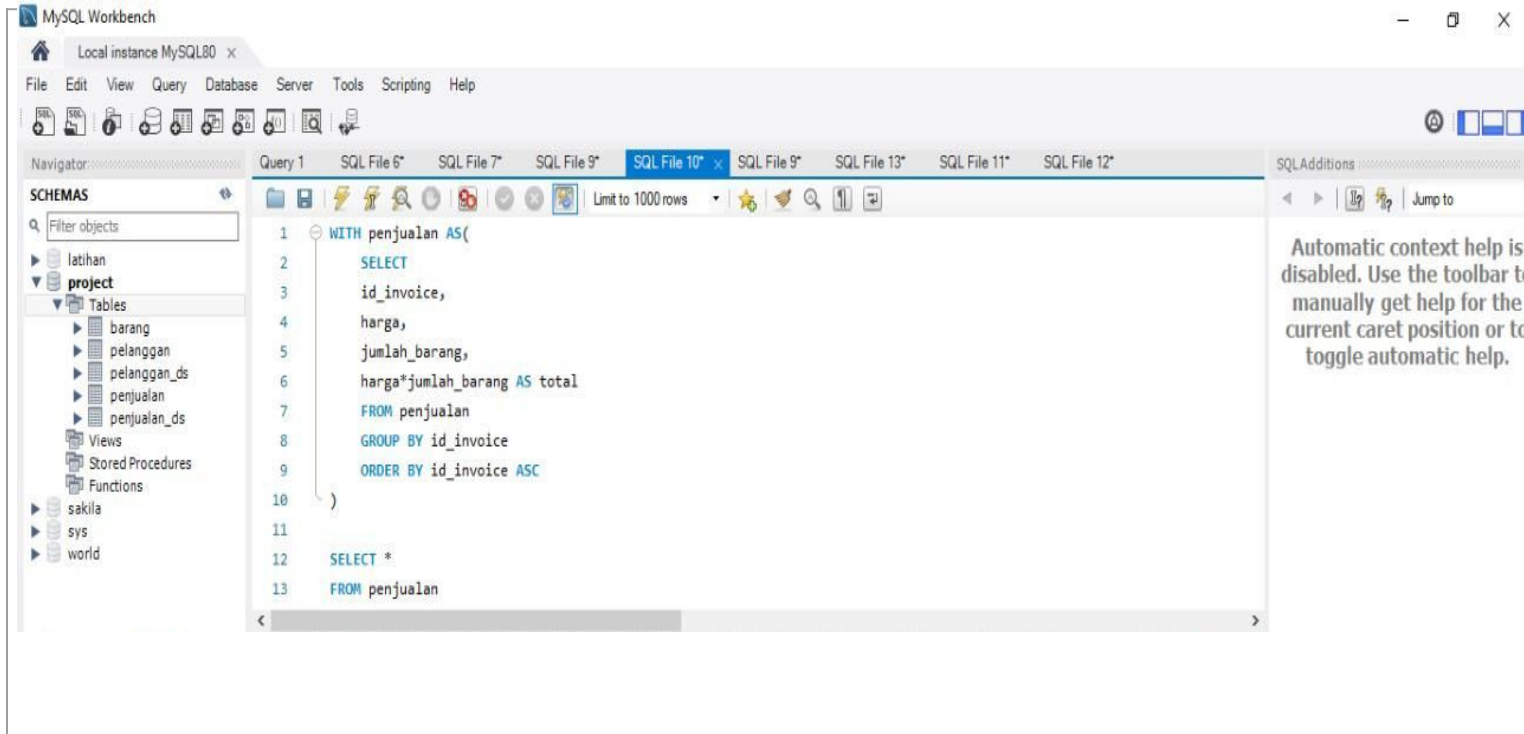
# Table Aggregate “Mencari Harga Terbesar, Terkecil, dan Rata-rata”



## Table Aggregate “Mencari Harga Terbesar, Terkecil, dan Rata-rata”

column	data type	description	transformation
max_harga	double	Menampilkan harga tertinggi	Mencari nilai tertinggi di kolom harga (MAX())
min_harga	double	menampilkan harga terendah	Mencari nilai terendah di kolom harga (MIN())
avg_harga	double	Menampilkan rata-rata harga barang	Mencari rata-rata kolom harga (AVG())

# Table Aggregate “Total Harga Setiap Transaksi”



The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'project' expanded, revealing tables like 'barang', 'pelanggan', 'penjualan', and 'penjualan\_ds'. The main editor window, titled 'SQL File 10\*', contains a SQL query. The query uses a CTE named 'penjualan' to select columns from the 'penjualan' table, calculate a total price ('harga\*jumlah\_barang AS total'), and group the results by 'id\_invoice'. The final query selects all columns from the CTE, ordered by 'id\_invoice'.

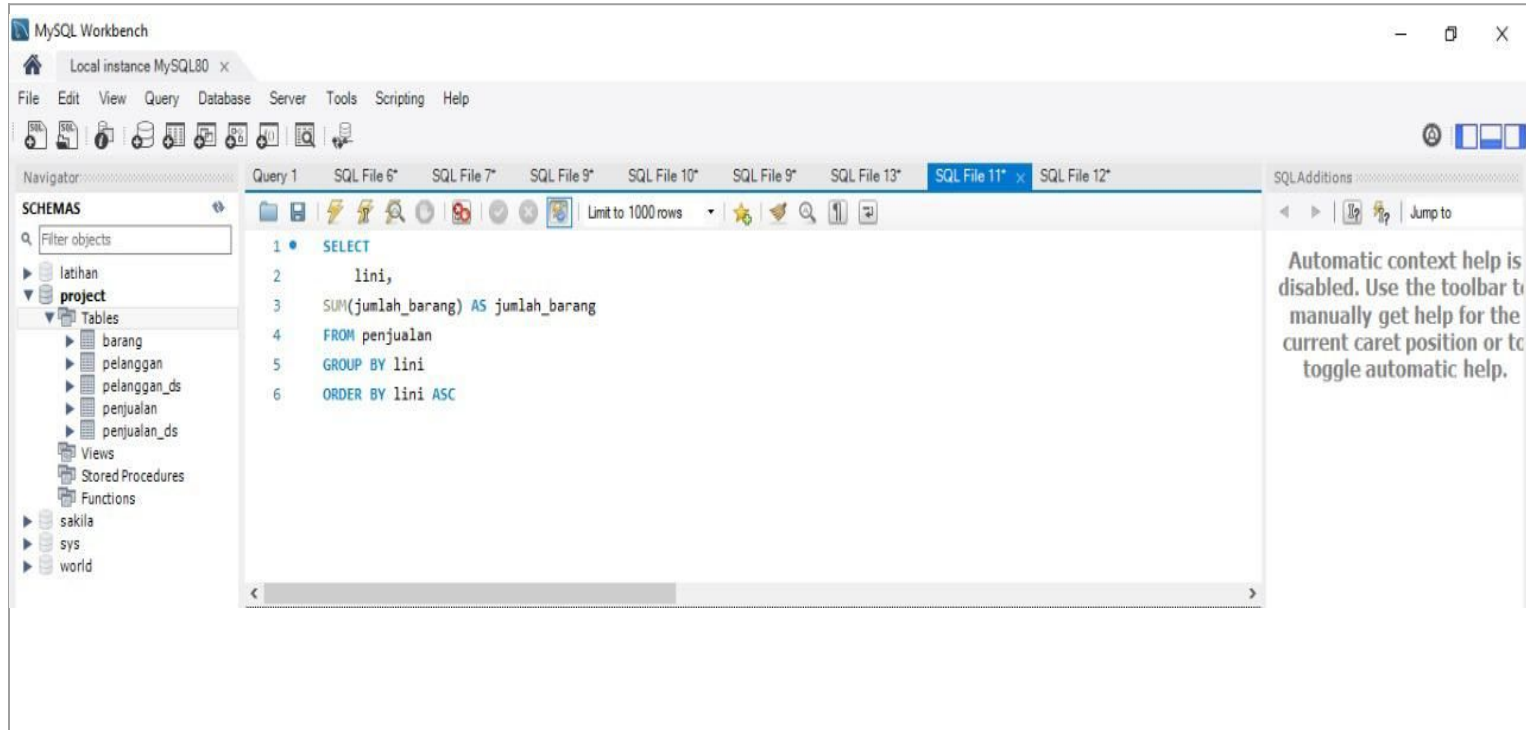
```
1 WITH penjualan AS(  
2     SELECT  
3     id_invoice,  
4     harga,  
5     jumlah_barang,  
6     harga*jumlah_barang AS total  
7     FROM penjualan  
8     GROUP BY id_invoice  
9     ORDER BY id_invoice ASC  
10 )  
11  
12 SELECT *  
13 FROM penjualan
```

On the right side of the interface, a help panel displays the message: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

## Table Aggregate “Total Harga Setiap Transaksi”

column	data type	description	transformation
id_invoice	text	Id invoice tiap transaksi	-
harga	double	Harga barang satuan	-
jumlah_barang	integer	Jumlah barang dibeli	-
total	double	Total pembayaran tiap invoice	Hasil perkalian jumlah_barang dengan harga

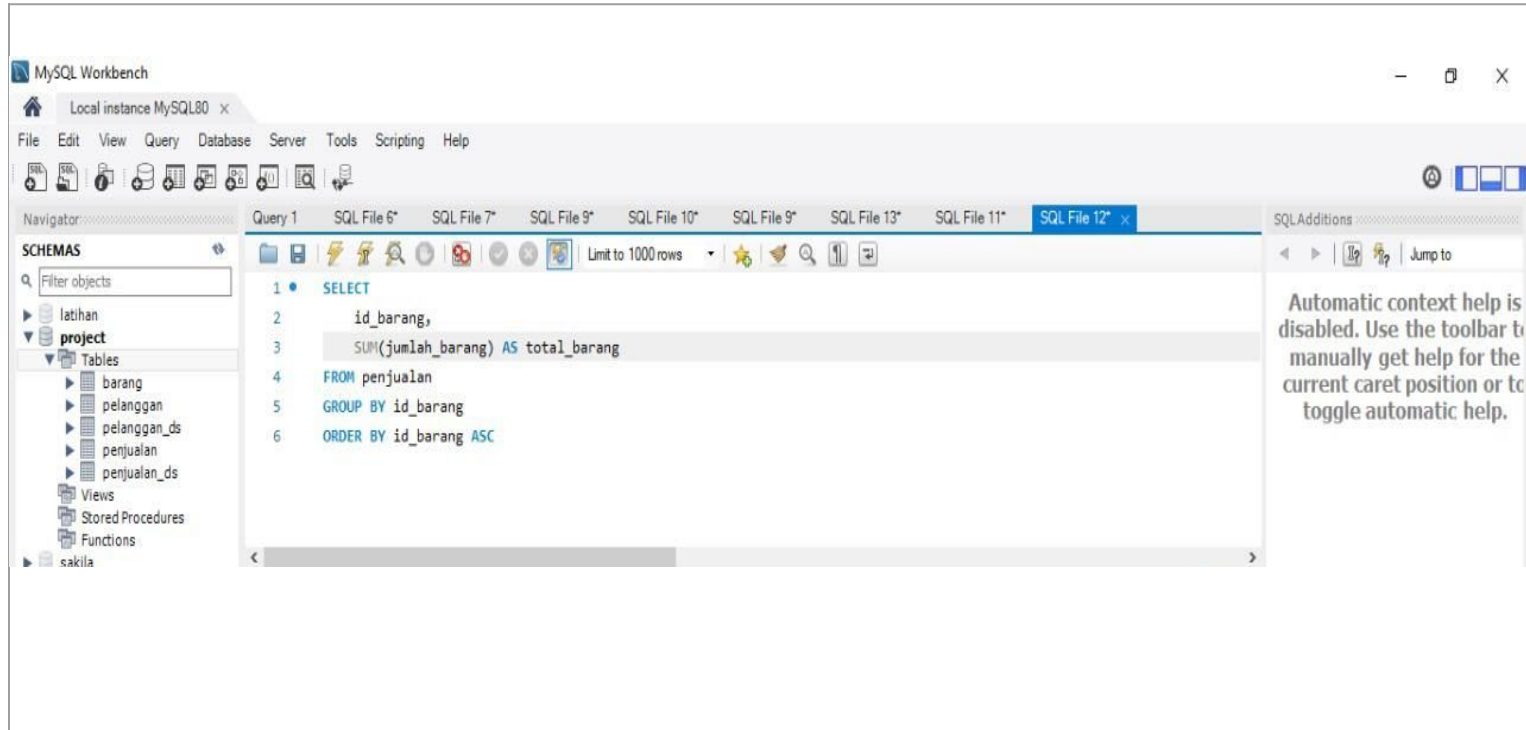
# Table Aggregate “Barang Terjual Setiap Lini”



## Table Aggregate “Barang Terjual Setiap Lini”

column	data type	description	transformation
lini	text	Lini penjualan barang	-
jumlah_barang	integer	Jumlah barang yang terjual	Penjumlahan barang sesuai dengan lini

# Table Aggregate “Barang Terjual Per Kode Barang”



The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'latihan' and 'project' folders. Under 'project', the 'Tables' folder is expanded, listing 'barang', 'pelanggan', 'pelanggan\_ds', 'penjualan', and 'penjualan\_ds'. The main editor window shows a SQL query in 'Query 1':

```
1 • SELECT
2     id_barang,
3     SUM(jumlah_barang) AS total_barang
4 FROM penjualan
5 GROUP BY id_barang
6 ORDER BY id_barang ASC
```

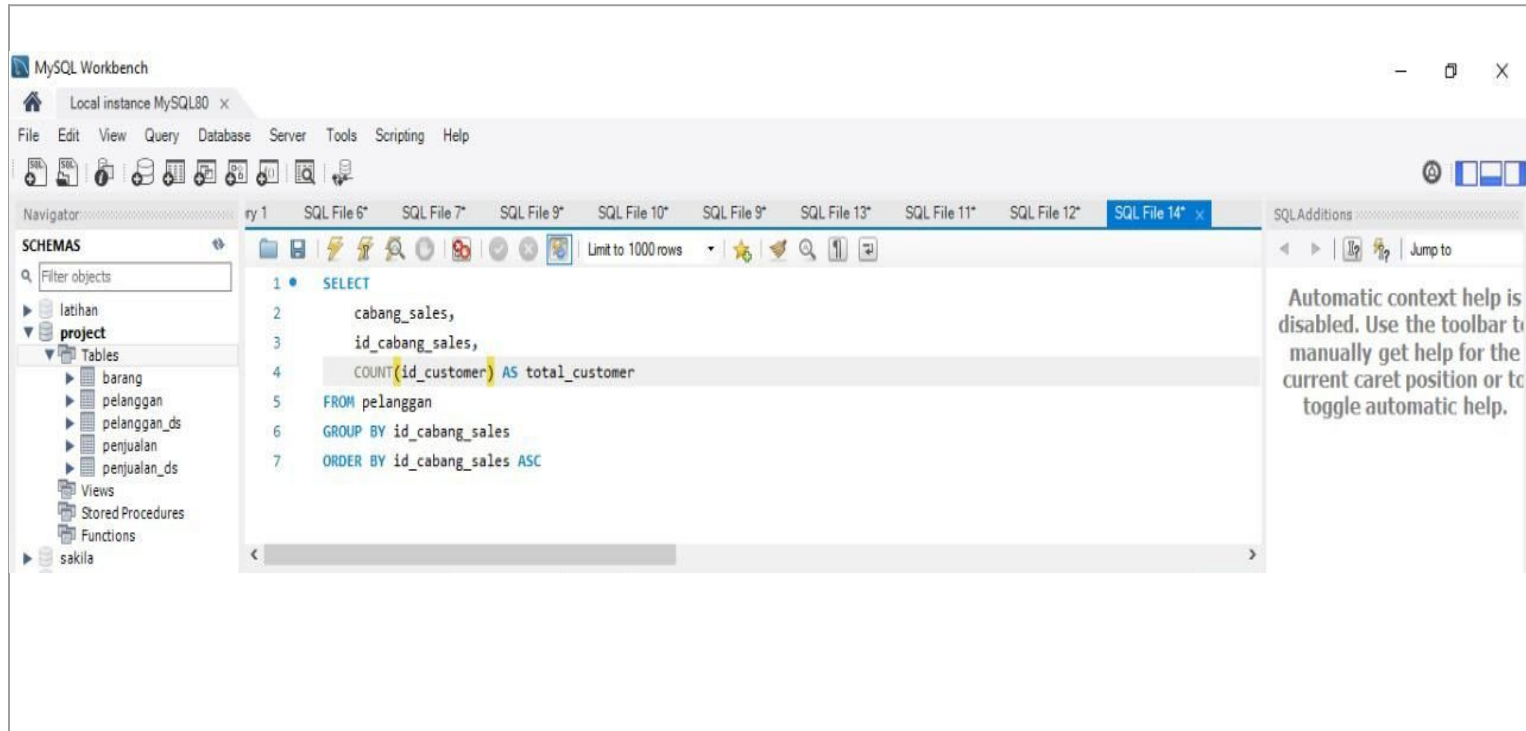
The query is executed, and a tooltip on the right side of the interface reads: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

## Table Aggregate “Barang Terjual Per Kode Barang”

column	data type	description	transformation
id_barang	text	Id_barang untuk setiap item	-
total_barang	integer	Total barang terjual	Penjumlahan dari kolom jumlah barang sesuai dengan id_barang



# Table Aggregate “Customer Setiap Daerah Cabang”



The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'latihan' and 'project' (expanded) containing 'Tables' (barang, pelanggan, pelanggan\_ds, penjualan, penjualan\_ds), 'Views', 'Stored Procedures', 'Functions', and 'sakila'. The main editor window shows an SQL query in 'SQL File 14\*' with the following code:

```
1 • SELECT
2     cabang_sales,
3     id_cabang_sales,
4     COUNT(id_customer) AS total_customer
5 FROM pelanggan
6 GROUP BY id_cabang_sales
7 ORDER BY id_cabang_sales ASC
```

The query is executed, and the results are displayed in a table with columns 'cabang\_sales', 'id\_cabang\_sales', and 'total\_customer'. The results are sorted by 'id\_cabang\_sales' in ascending order. A right-hand pane shows a message: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

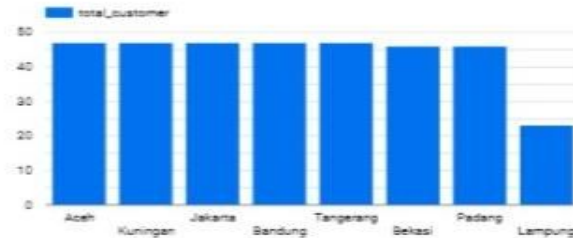
## Table Aggregate “Customer Setiap Daerah Cabang”

column	data type	description	transformation
cabang_sales	text	Memberikan informasi lokasi dari customer	-
id_cabang_sales	text	Id untuk setiap lokasi customer	-
total_customer	integer	Jumlah keseluruhan customer	Penjumlahan jumlah customer sesuai dengan cabang_sales (COUNT())

## Total Customer Setiap Daerah dan Penjualan Barang Berdasarkan Kode Barang

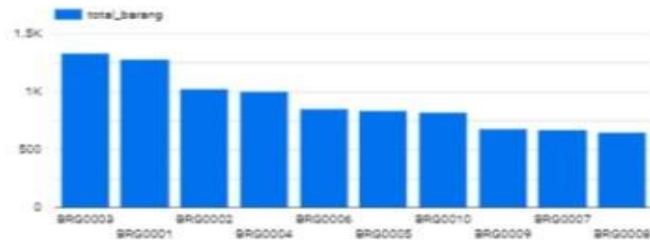
	id_caba...	cabang_sales	total_custo...
1.	CAB01	Aceh	47
2.	CAB02	Kuningan	47
3.	CAB03	Jakarta	47
4.	CAB04	Bandung	47
5.	CAB05	Tangerang	47
6.	CAB06	Bekasi	46
7.	CAB07	Padang	46
8.	CAB08	Lampung	22

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	id_barang	total_barang
1.	BRG0001	1285
2.	BRG0002	1025
3.	BRG0003	1337
4.	BRG0004	1005
5.	BRG0005	840
6.	BRG0006	854
7.	BRG0007	677
8.	BRG0008	650
9.	BRG0009	650

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## Barang Terjual Berdasarkan Lini Industri dan Pendapatan Setiap Bulan

	lini	jumlah
1.	ETHAL	1.824
2.	MARCKS	1.933
3.	OGB & PH	1.808
4.	SLOYL	1.892
5.	VNS	1.719

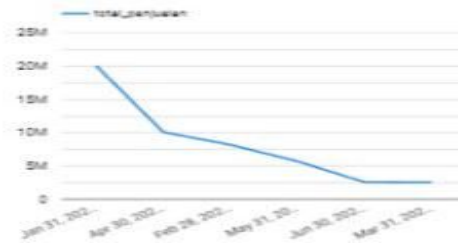
1 - 5 / 5 < >



	bulan	total_penjualan
1.	januari	20,063,216.98
2.	april	10,101,399.8
3.	februari	9,202,331.59
4.	mei	5,719,936.23
5.	juni	2,583,448.89
6.	maret	2,546,131.65

Grand total 49,216,485.14

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Select date range

id\_customer

cabang\_sales

id\_invoice

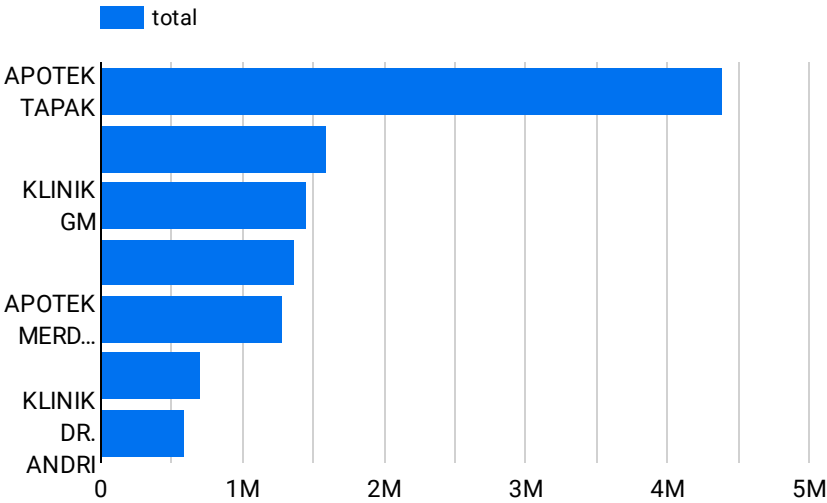
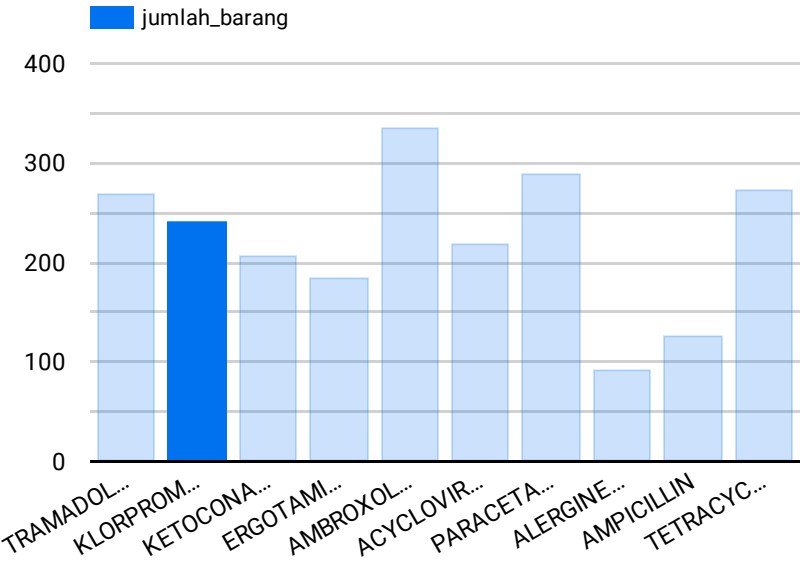
15

total

11.4M

jumlah\_barang

241



	tanggal	id_invoice	nama	nama_barang	jumlah_barang	harga	total
1.	01/02/22	IN6023	KLINIK SAHABAT	KLORPROMAZIN...	10	47000	470000
2.	01/02/22	IN6063	APOTEK TAPAK	KLORPROMAZIN...	24	47000	1139339
3.	01/02/22	IN6113	KLINIK GM	KLORPROMAZIN...	12	47000	564000
4.	01/02/22	IN6259	APOTEK MERDE...	KLORPROMAZIN...	18	47000	863255
5.	02/02/22	IN6064	APOTEK TAPAK	KLORPROMAZIN...	24	47000	1139339
6.	20/01/22	IN5997	APOTEK TAPAK	KLORPROMAZIN...	40	47000	1880000
7.	20/01/22	IN6297	APOTEK MAJA	KLORPROMAZIN...	15	47000	705000
8.	21/01/22	IN6155	KLINIK GM	KLORPROMAZIN...	12	47000	564000
9.	22/01/22	IN6251	APOTEK TAPAK	KLORPROMAZIN...	5	47000	235000