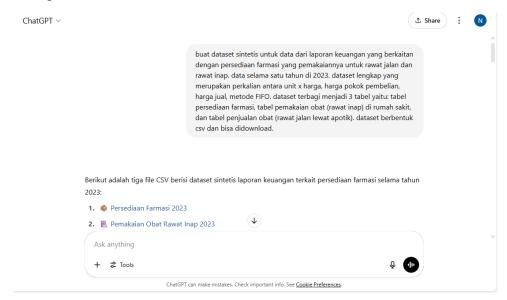
Nama: Nathania Dalta Fika

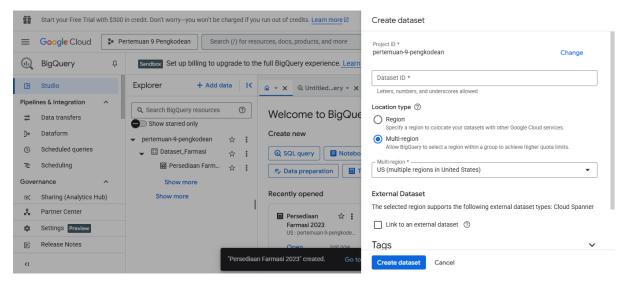
NIM : 12030123130188

Kelas : Pengkodean dan Pemrograman F

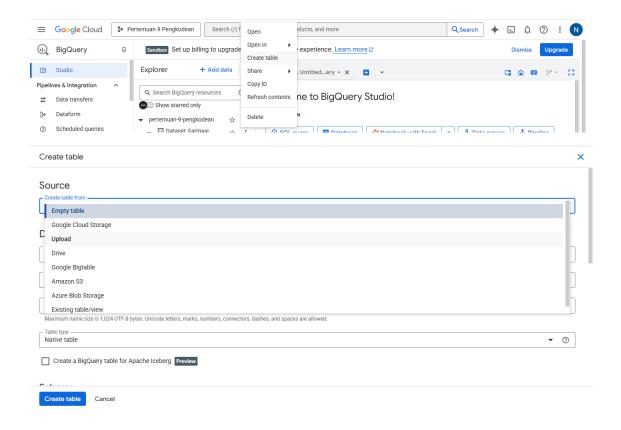
### Prompt ChatGPT



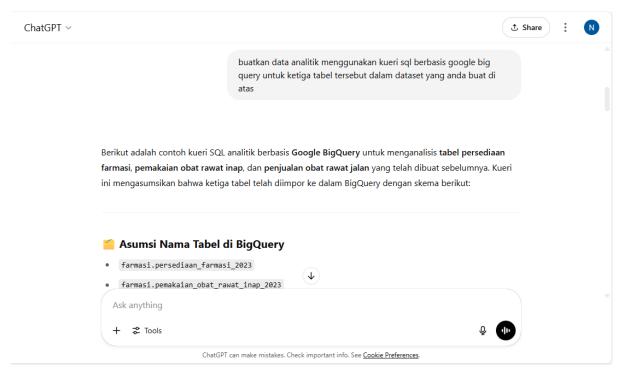
### Menggunakan Google BigQuery, Create Dataset



### Create Table, lalu upload ketiga file csv yang telah diberikan ChatGPT

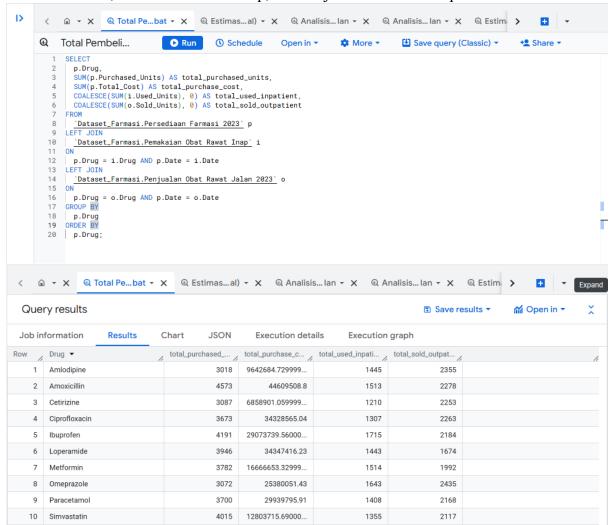


#### Buat prompt baru pada ChatGPT



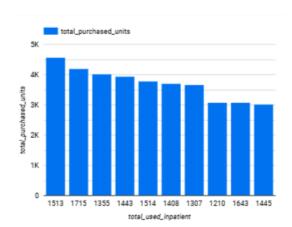
Input query SQL ke dalam dataset dan visualisasi menggunakan Looker Studio

a. Total Pembelian, Pemakaian Rawat Inap, dan Penjualan Rawat Jalan per Obat

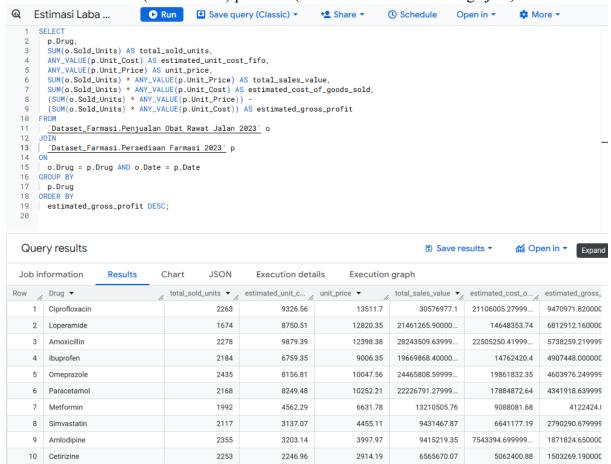


# **BigQuery Custom SQL**

4,57 4,19 4,01
4,01
3,94
3,78
3,70
3,67
3,08
3,07
3,01



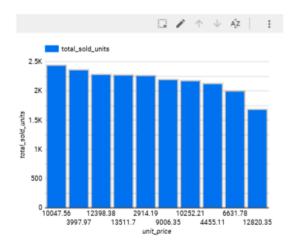
b. Estimasi Laba Kotor (Gross Profit) per Obat (berdasarkan FIFO dan harga jual)



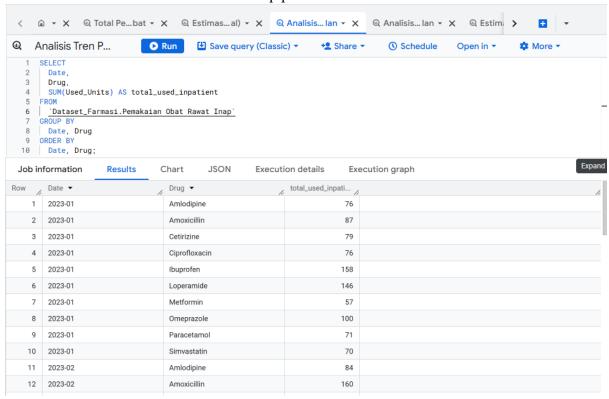
## Estimasi Laba Kotor

1-10/10 < >

	Drug	total_sold_units +
1.	Omeprazole	2,435
2.	Amlodipine	2,355
3.	Amoxicillin	2,278
4.	Ciprofloxacin	2,263
5.	Cetirizine	2,253
6.	Ibuprofen	2,184
7.	Paracetamol	2,168
8.	Simvastatin	2,117
9.	Metformin	1,992
10.	Loperamide	1.674

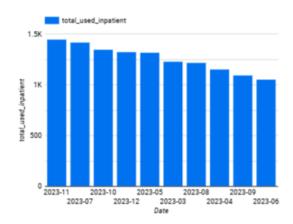


c. Analisis Tren Pemakaian Obat Rawat Inap per Bulan

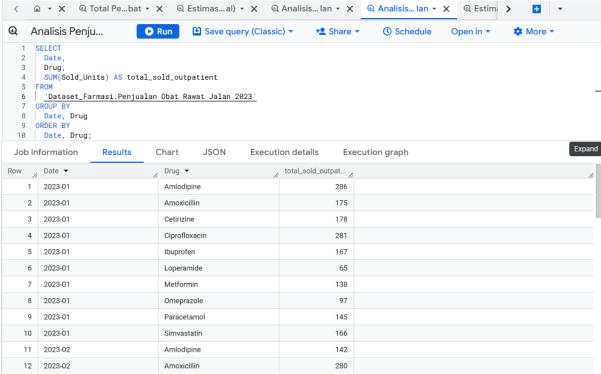


## Tren Pemakaian Obat

	Date	total_used_inpatient -
1.	2023-11	1,447
2.	2023-07	1,416
3.	2023-10	1,348
4.	2023-12	1,323
5.	2023-05	1,319
6.	2023-03	1,230
7.	2023-08	1,215
8.	2023-04	1,151
9.	2023-09	1,097
10.	2023-06	1,051
11.	2023-02	1,036
		1-12/12 < >

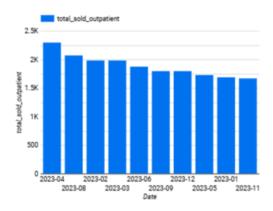


d. Analisis Penjualan Obat Rawat Jalan per Bulan

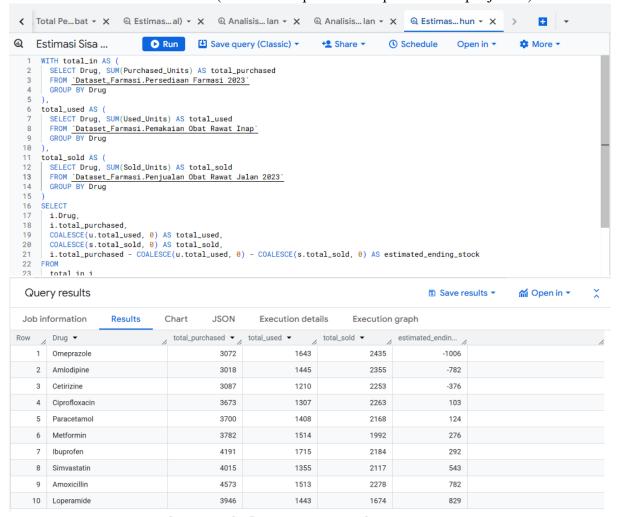


## Penjualan Obat

	Date	total_sold_outpatient •
1.	2023-04	2,307
2.	2023-08	2,083
3.	2023-02	1,995
4.	2023-03	1,991
5.	2023-06	1,887
6.	2023-09	1,801
7.	2023-12	1,800
8.	2023-05	1,737
9.	2023-01	1,698
10.	2023-11	1,675
11.	2023-07	1,451 1-12/12 〈 〉



e. Estimasi Sisa Stok Akhir Tahun (berdasarkan pembelian - pemakaian - penjualan)



### **Estimasi Stok Akhir Tahun**

1-10/10 < >

	Drug	total_purchased •
1.	Amoxicillin	4,573
2.	Ibuprofen	4,191
3.	Simvastatin	4,015
4.	Loperamide	3,946
5.	Metformin	3,782
6.	Paracetamol	3,700
7.	Ciprofloxacin	3,673
8.	Cetirizine	3,087
9.	Omeprazole	3,072
10.	Amlodipine	3,018

