Finance, Supply Chain & Market Analytics

A Data Driven Presentation Tool : SQL

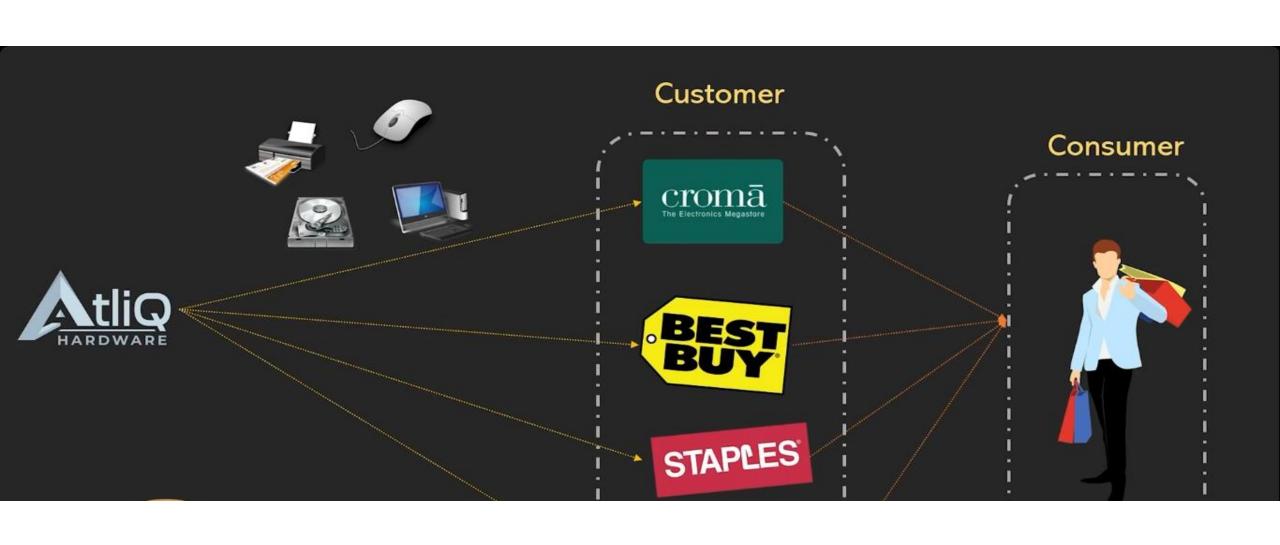
Impact of this Project

- Improved data accessibility for analysts by creating centralized SQL database, streamlining reporting processes, effort saved each analyst over an hour weekly and generated data accuracy.
- Automated repetitive tasks using stored procedures, reducing manual effort by 40% and accelerating data processing efficiency. Optimized SQL performance with views, window functions, and database triggers, improving reporting speed and boosting API performance.

Understand the Data

- Dim_Customer- customer_code, customer, platform, channel, market, sub_zone, region
- Dim_product- product_code, division, segment, category, product, variant
- Fact_act_est- date, fiscal_year, product_code, customer_code, sold_quantity, forecast_quantity
- Fact_forecast_monthly- date, fiscal_year, product_code, customer_code, forecast_quantity
- Fact_freight_cost- market, fiscal_year, freight_pct, other_cost_pct

- fact_gross_price- product_code, fiscal_year, gross_price
- fact_manufacturing_cost- product_code, cost_year, manufacturing_cost
- fact_post_invoice_deductions- customer_code, product_code, date, discount_pct, other_deduction_pct
- fact_pre_invoice_deductions- customer_code, fiscal_year, pre_invoice_discount_pct
- fact_sales_monthly- date, fiscal_year, product_code, customer_code, sold_quantity















Platforms

Brick & Mortar

E-Commerce









Retailer















- Pre-invoice Deduction: 2

= Net Invoice Sales: 28



Promotional offers



- Pre-invoice Deduction: 2

= Net Invoice Sales: 28



Promotional offers



Promotional offers

+

Placement Fees

+

Performance Rebate

=

Post-invoice Deductions

- Pre-invoice Deduction: 2

= Net Invoice Sales: 28



Promotional offers



Promotional offers

+

Placement Fees

+

Performance Rebate

=

Post-invoice Deductions

Net sales is basically the Revenue of AtliQ





- Pre-invoice Deduction: 2

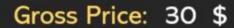
= Net Invoice Sales: 28

- Post-invoice Deductions: 3

= Net Sales: 25







- Pre-invoice Deduction: 2

= Net Invoice Sales: 28

- Post-invoice Deductions: 3

= Net Sales: 25

- Cost Of Goods Sold (COGS): 20



Manufacturing Cost

+

Freight (Transportation)

+

Other Cost

COGS





- Pre-invoice Deduction: 2

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= Net Invoice Sales: 28

- Post-invoice Deductions: 3

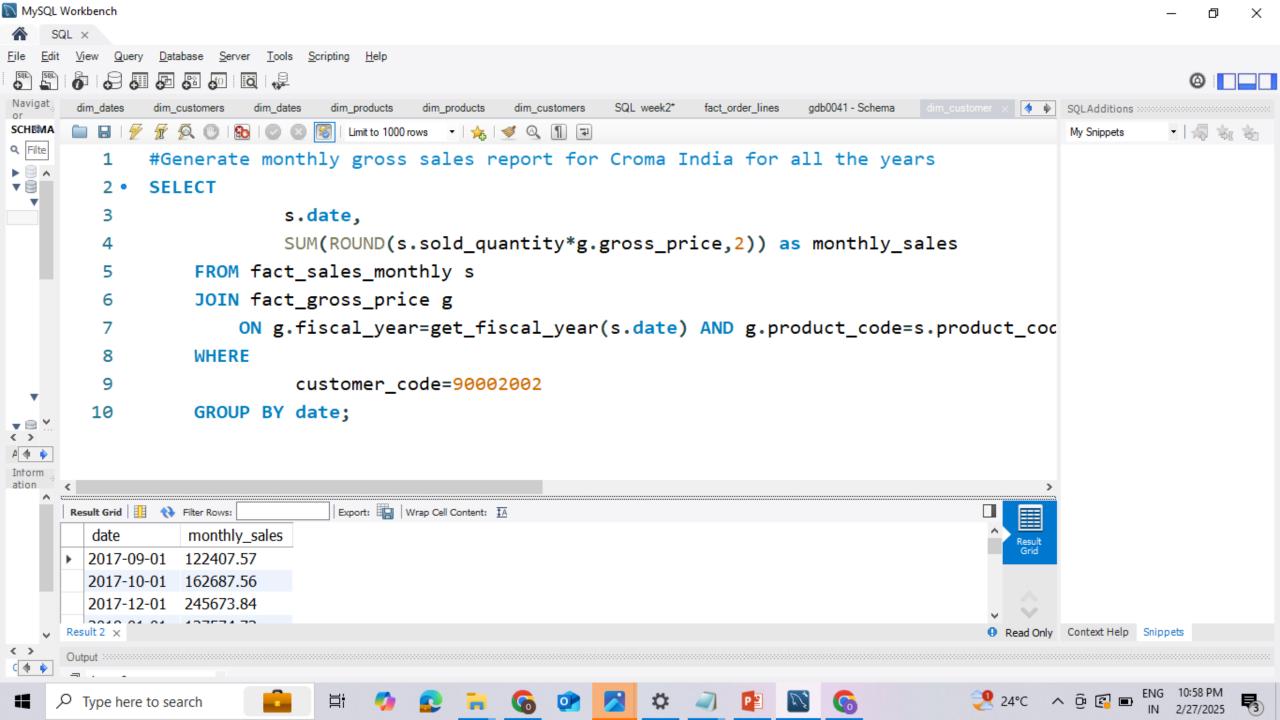
= Net Sales: 25

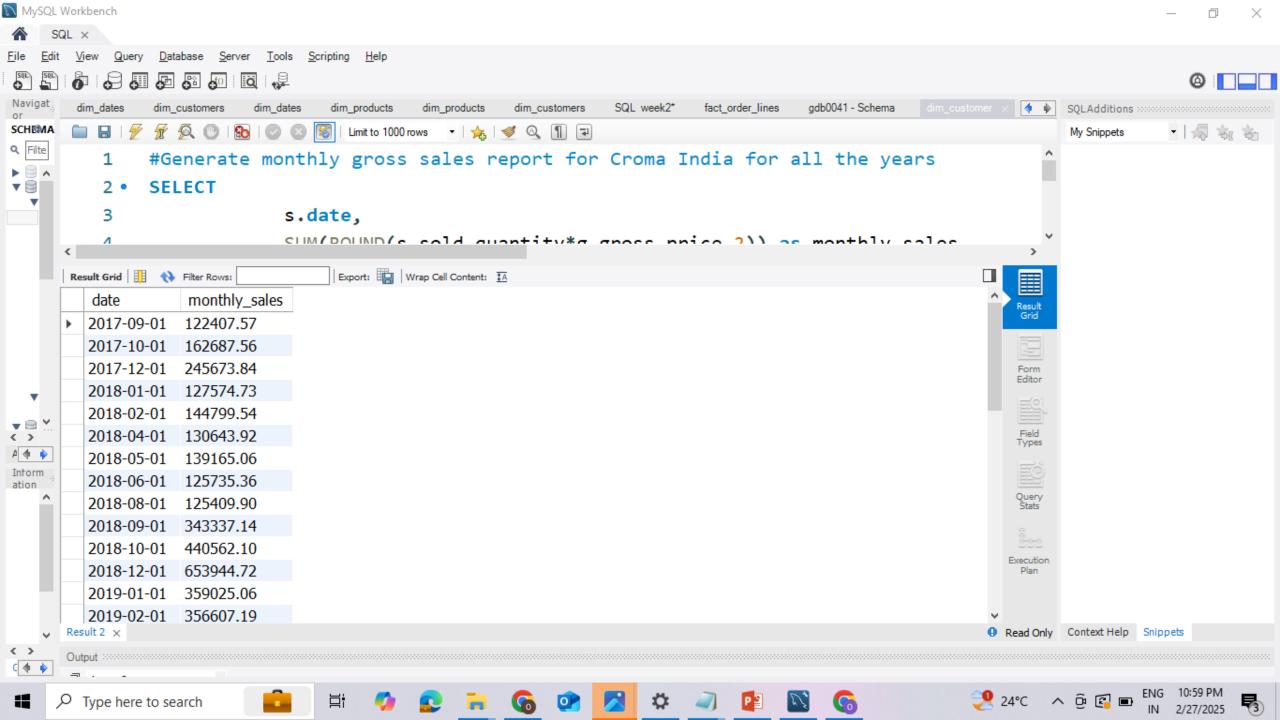
- Cost Of Goods Sold (COGS): 20

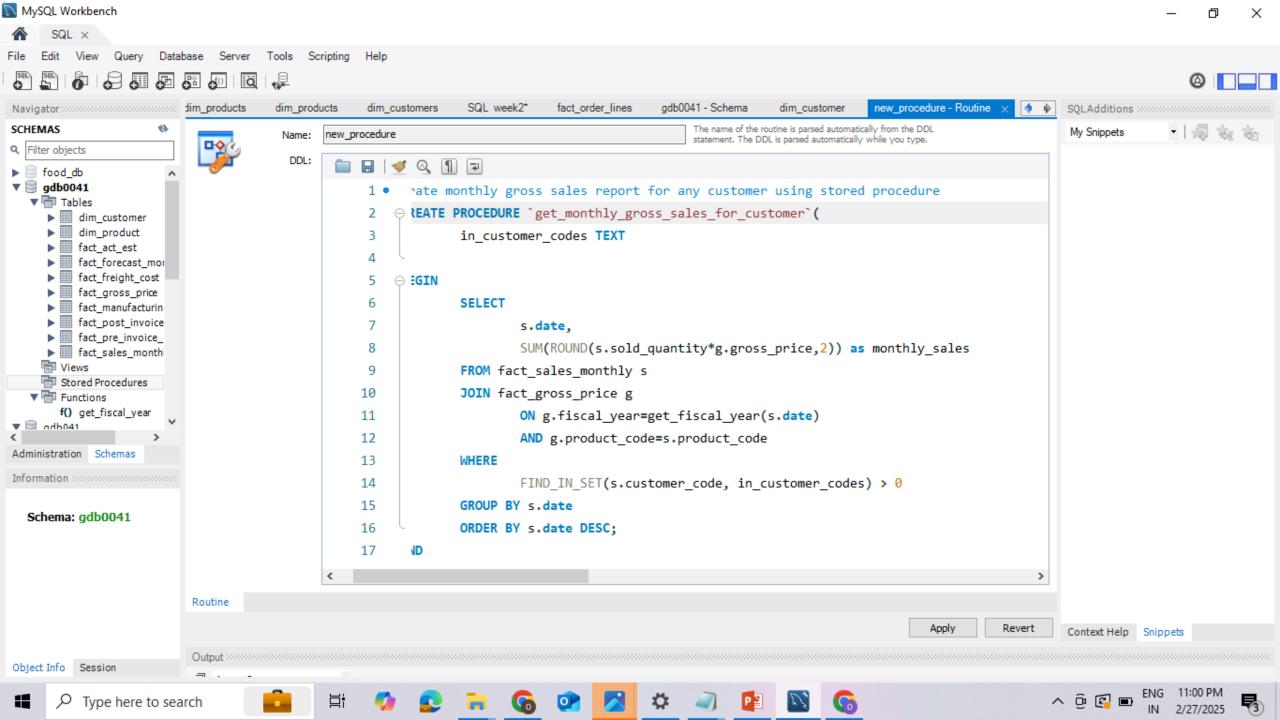
= Gross Margin: 5

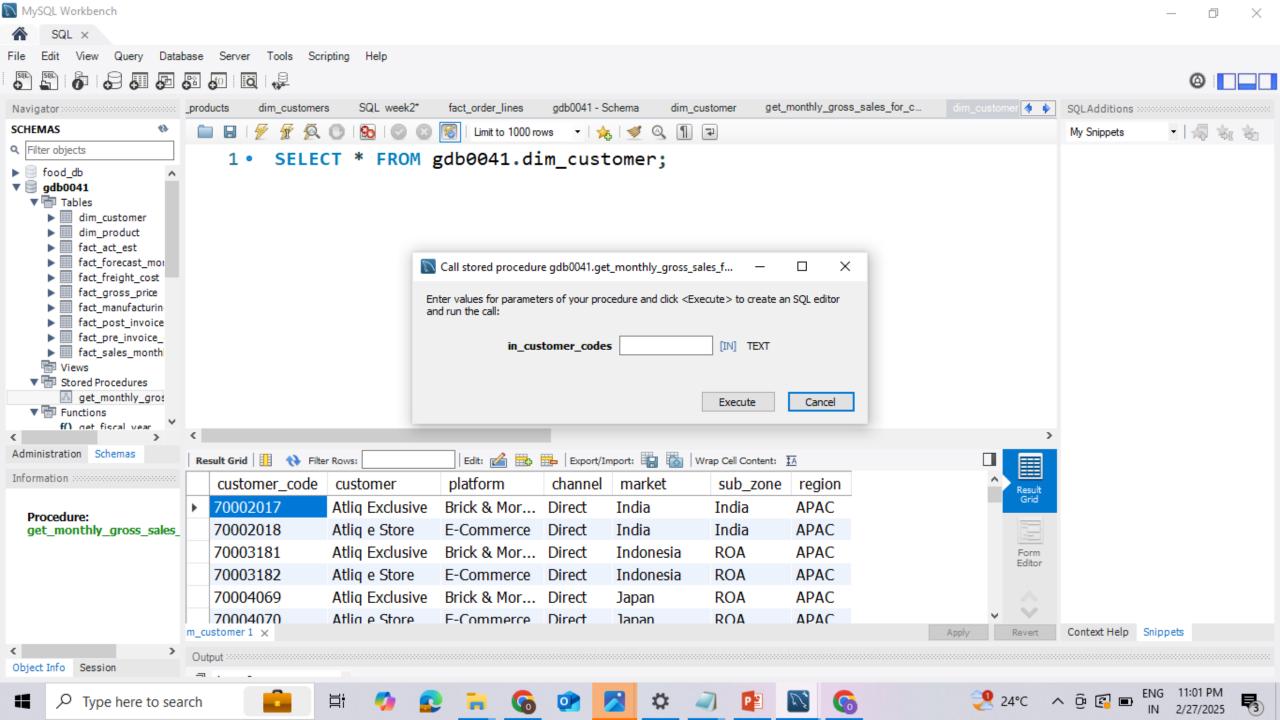
Gross Margin % of Net Sales (GM/NS): 20 %

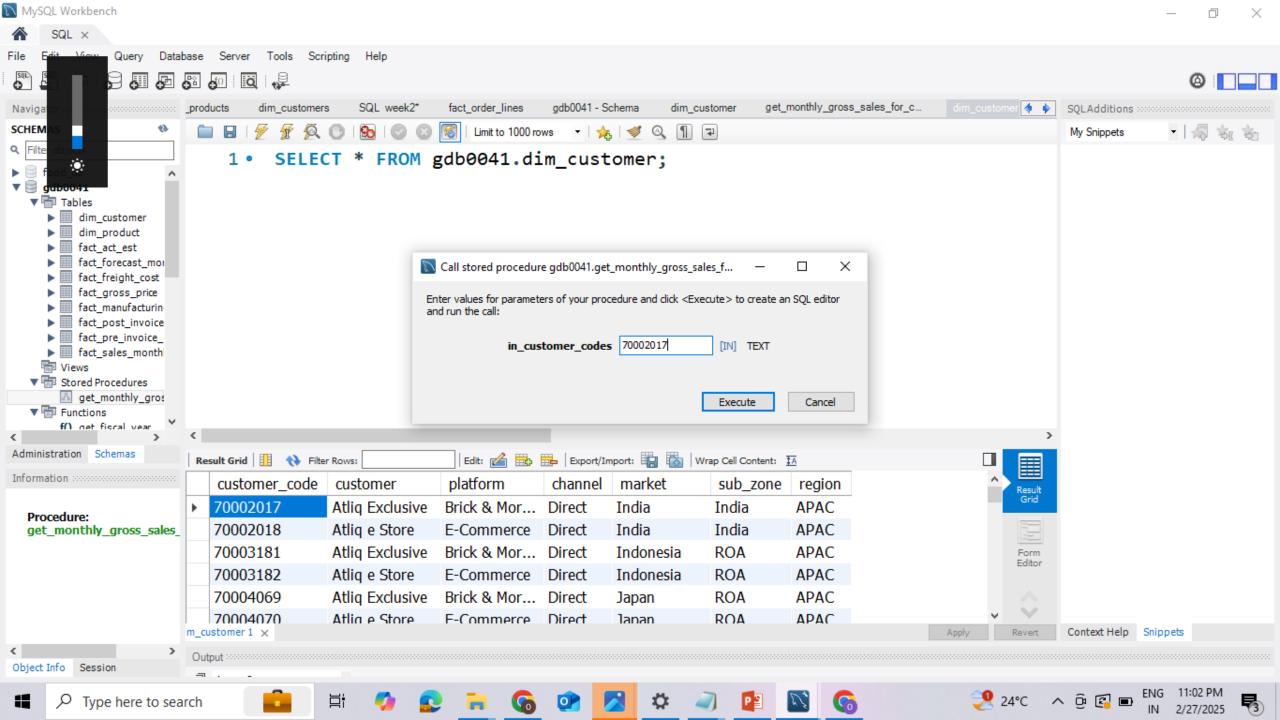


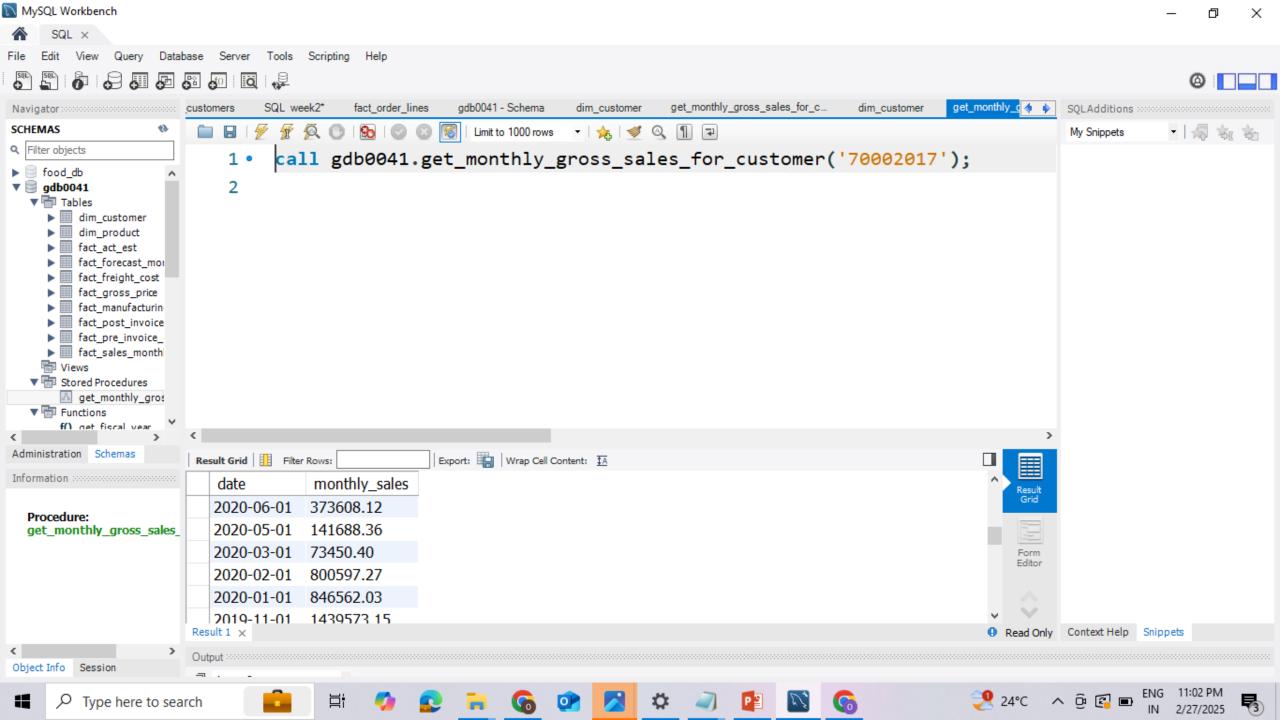


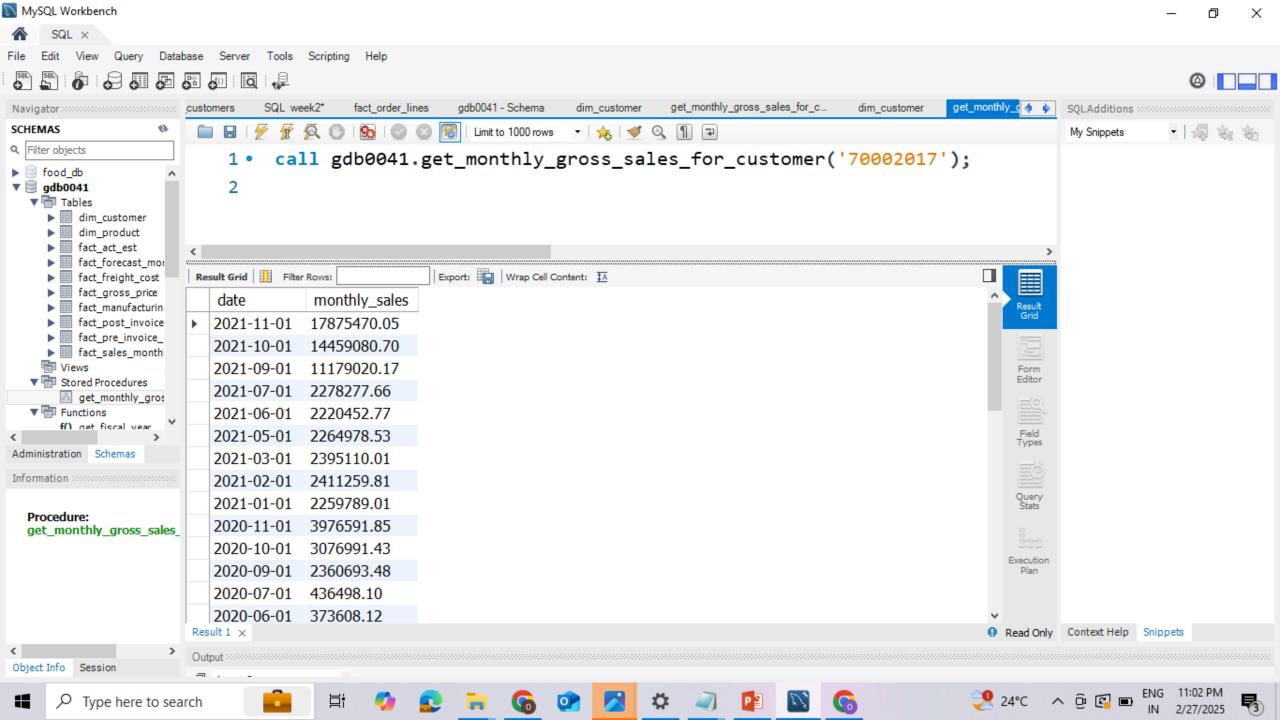


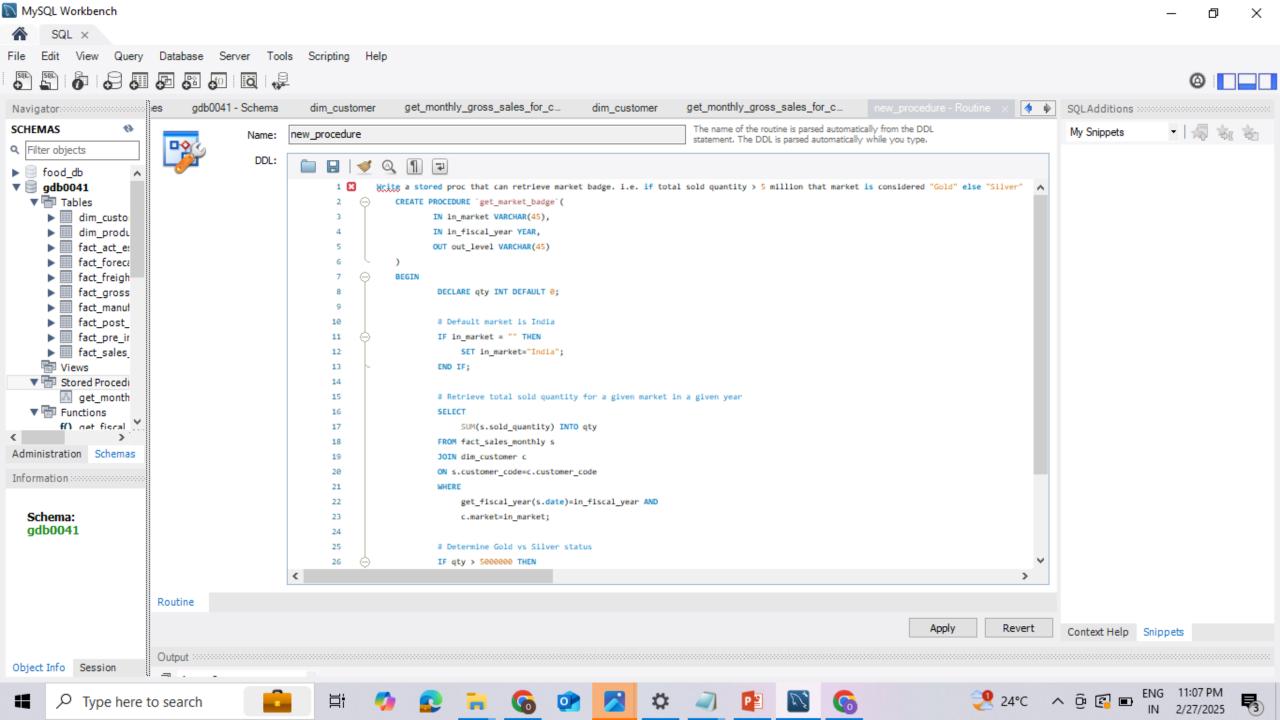


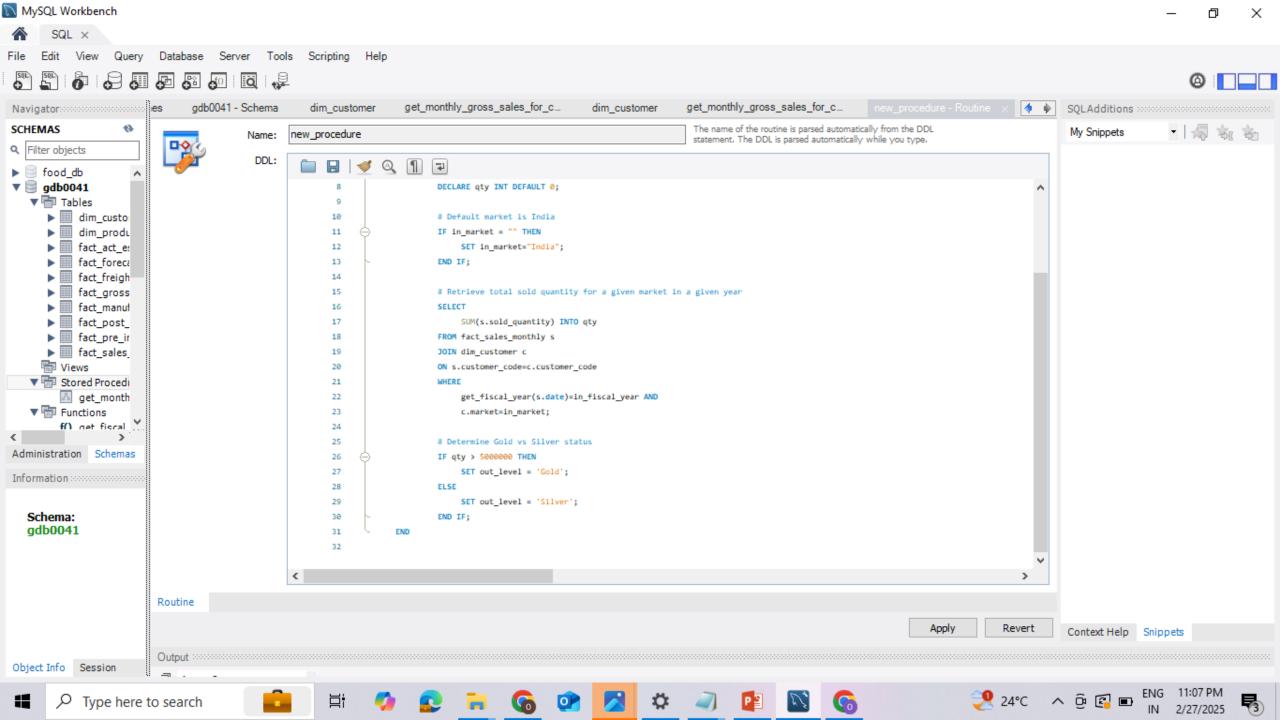


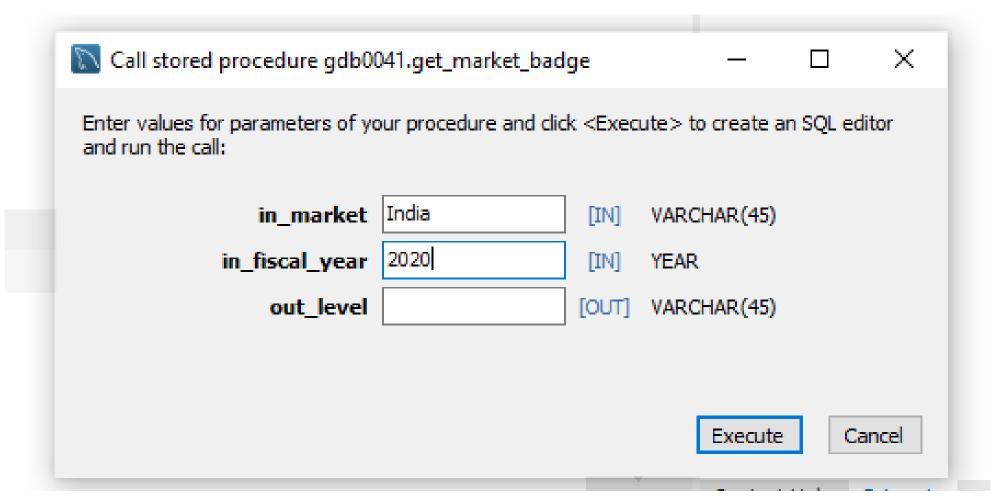


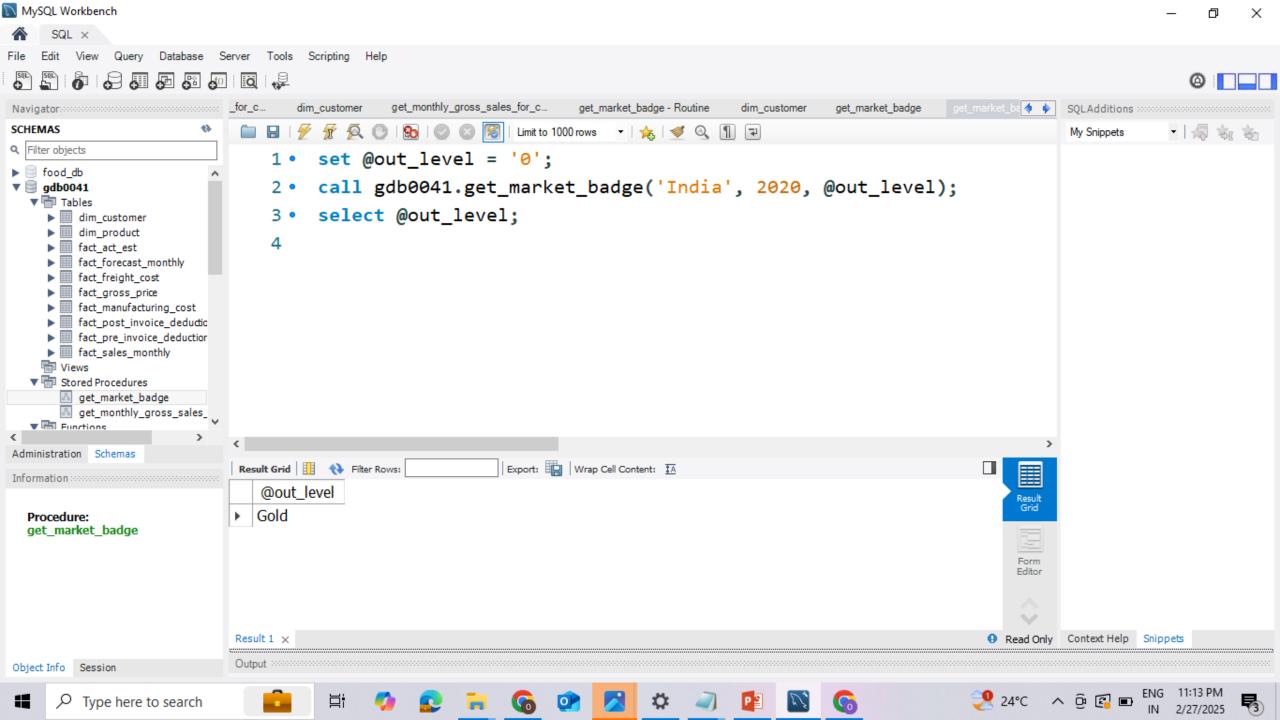


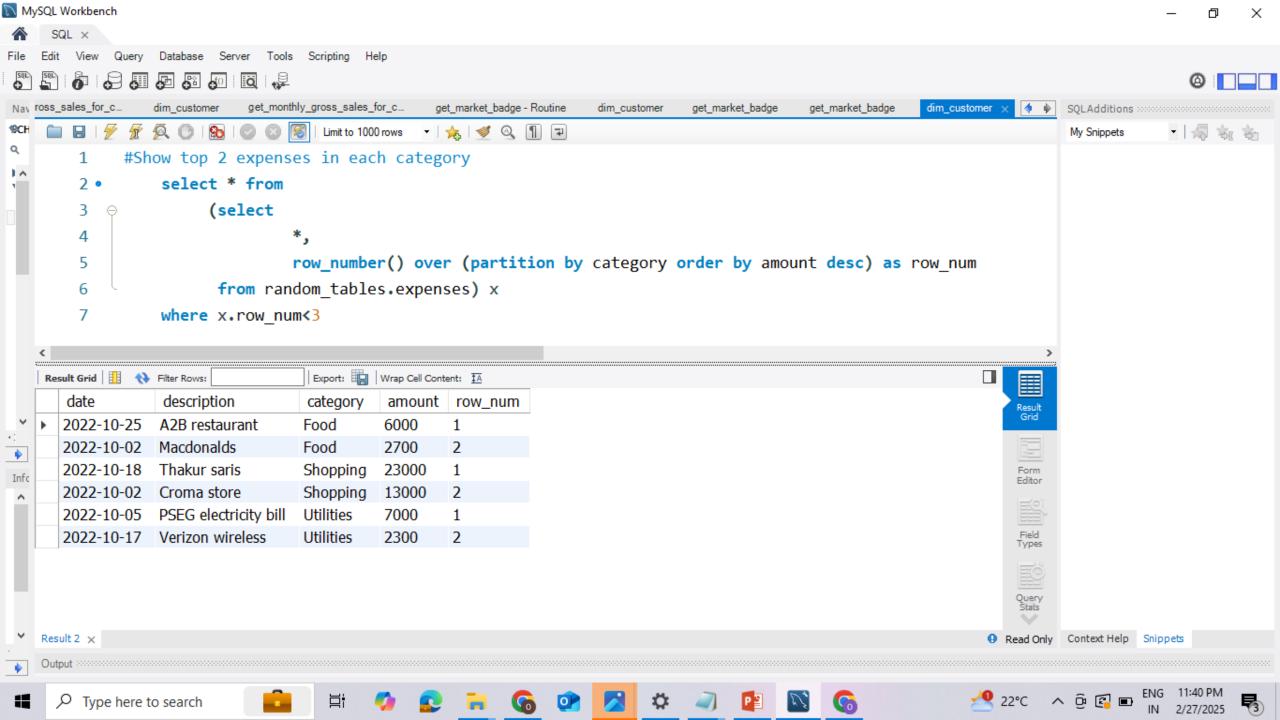


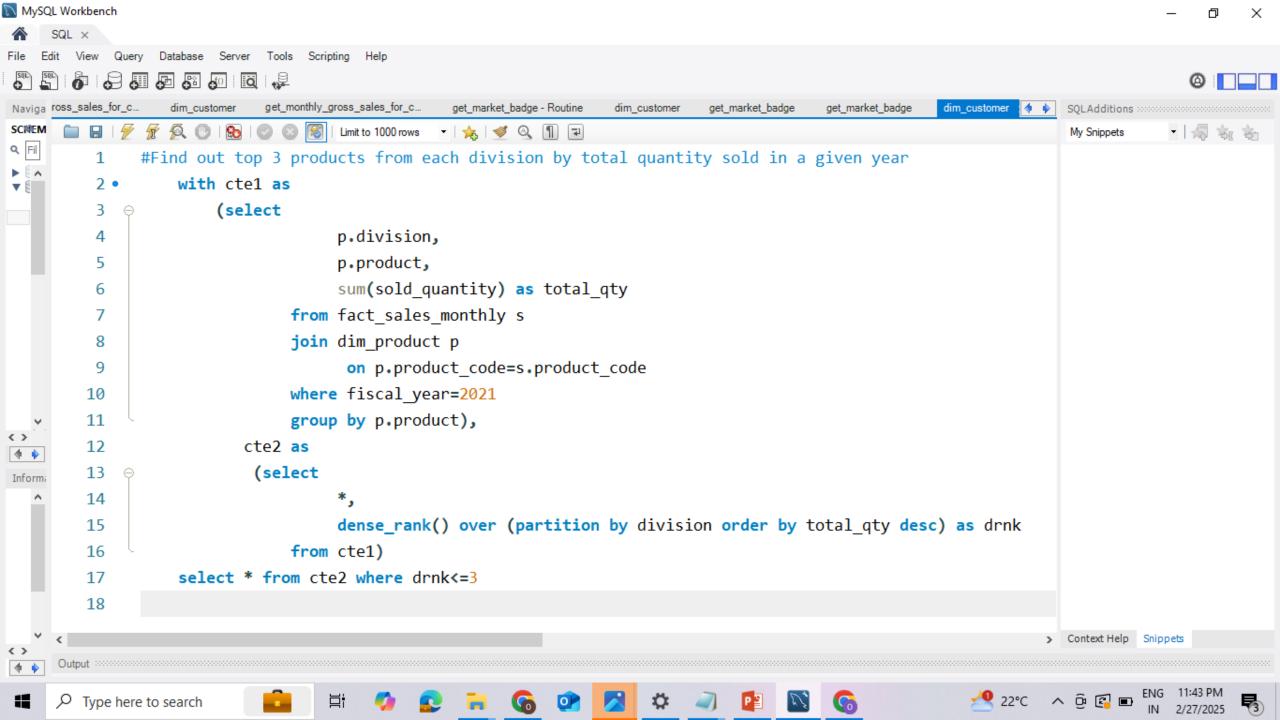


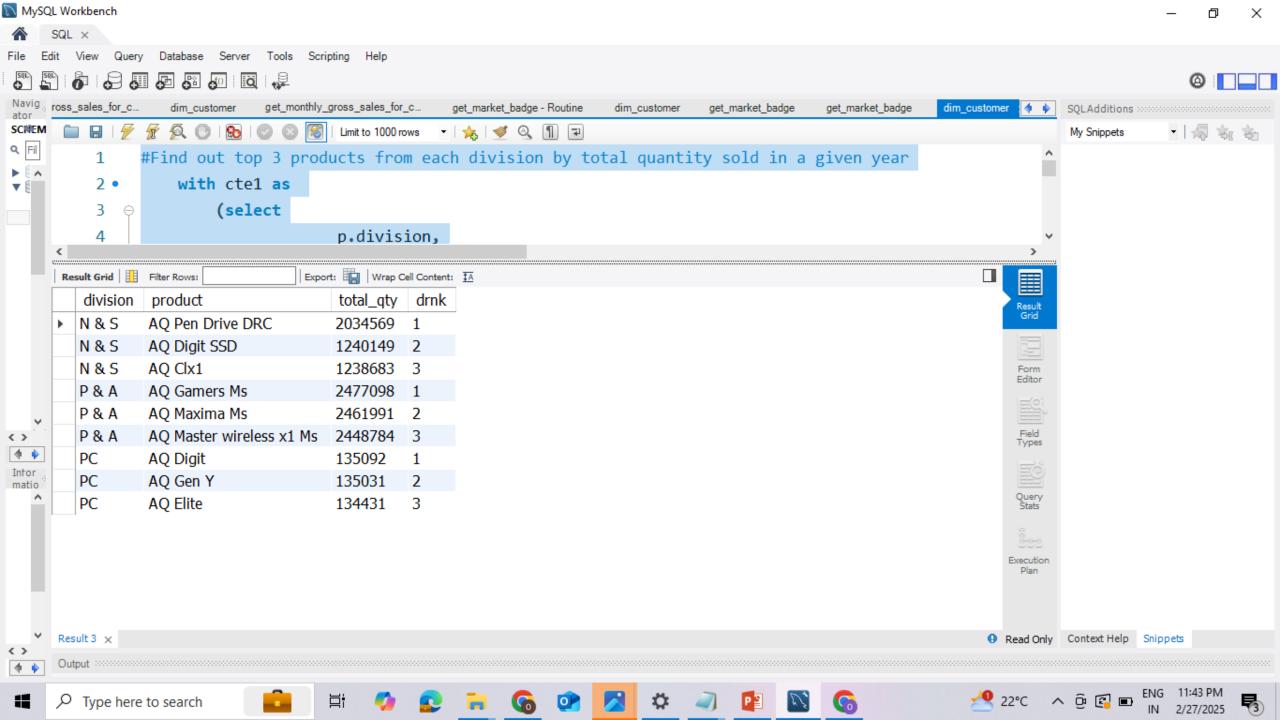












Supply Chain

- Sold Quantity
- Forecast Quantity
- Net_Error

THANK YOU