DATA MODEL DOCUMENT

BRONZE LAYER TABLES

- **bronze_sales_s3**

Column Name	Description
transaction_id	Unique transaction identifier
transaction_timestamp	Original transaction timestamp
store_id	Store identifier
product_id	Product identifier
quantity	Quantity sold
unit_price	Unit price
discount	Discount applied
total_amount	Total amount from source
currency	Currency code

- **bronze_product_s3**

Column Name	Description
product_id	Unique product identifier
product_name	Product name
category	Product category
brand	Brand name
standard_price	Standard price

- **bronze_store_s3**

Column Name	Description
store_id	Store identifier
store_name	Store name
region	Store region
country	Store country

SILVER LAYER TABLES

- **silver_sales_s3**

Column Name	Description
transaction_id	Unique transaction identifier
transaction_timestamp	UTC-normalized timestamp
store_id	Valid store ID
product_id	Valid product ID
quantity	Quantity sold
unit_price	Unit price
discount	Discount applied
total_amount	Recalculated total amount
region	Store region
country	Store country

- **silver_sales_dq_quarantine (Data Quality Failures)**

Column Name	Description
transaction_id	Transaction identifier
transaction_timestamp	Transaction time
store_id	Store identifier
product_id	Product identifier
quantity	Invalid quantity
unit_price	Invalid unit price
discount	Discount
total_amount	Invalid total amount
currency	Currency

GOLD LAYER TABLES

- **gold_daily_sales_s3**

Column Name	Description
sales_date	Sales date
region	Region
country	Country
total_revenue	Total revenue
transactions	Transaction count
units_sold	Total units sold
avg_order_value	Avg revenue per transaction

- **gold_monthly_product_performance_s3**

Column Name	Description
month	Sales month
product_id	Product identifier
product_name	Product name
category	Product category
revenue	Monthly revenue
units_sold	Units sold
avg_selling_price	Avg selling price

- **gold_region_sales_summary_s3**

Column Name	Description
region	Region
country	Country
total_revenue	Total revenue
total_transactions	Total transactions
total_units_sold	Units sold
avg_transaction_value	Avg transaction value