DATA ODYSSEY

"This database is designed for an e-commerce platform that connects sellers and customers through an online marketplace. It contains essential datasets related to orders, products, customers, payments, deliveries, and reviews. The database helps in tracking sales performance, customer behavior, shipping efficiency, and seller ratings."

DATABASE SCHEMA

products product category name translation product id product_category_name product_category_name product_category_name_english product name lenght order_payments product_description_lenght product_photos_qty order_id leads_qualified payment_sequential product weight g mql_id payment_type product_length_cm first_contact_date payment_installments product_height_cm landing_page_id product width cm payment value origin orders order_items sellers leads_closed order_id order_id seller_id mql_id customer_id order_item_id seller_zip_code_prefix seller_id order status product id sdr id seller city order_purchase_timestamp seller_id seller_state sr_id shipping_limit_date order_approved_at won_date order delivered carrier date price business seament order_delivered_customer_date freight_value lead_type order_estimated_delivery_date lead_behaviour_profile has_company has_gtin customers order_reviews geolocation

olocation_zip_code_prefix

geolocation_lat

geolocation Ing

geolocation_city

geolocation_state

average_stock

business_type

declared product catalog size

declared_monthly_revenue

Problem 9: Monthly Sales Trend

customer_id

customer_unique_id

customer zip code prefix

customer_city

customer_state

Scenario:

The sales team is tracking revenue growth over time. They need a monthly breakdown of total revenue to analyze trends and predict future sales performance.

review_id

order_id

review score

review_comment_title

review_creation_date
review answer timestamp

Problem:

Compute the **total revenue** generated per **month**.

order_month	total_revenue
2016-09	267.36
2016-10	49507.66
2016-12	10.9
2017-01	120312.87
2017-02	247303.02
2017-03	374344.3
2017-04	359927.23
2017-05	506071.14
2017-06	433038.6
2017-07	498031.48
2017-08	573971.68
2017-09	624401.6900000001