SQL PROJECT-ZEPTO DATA ANALYSIS

Table Setup

1) Remove the existing zepto table to avoid conflicts before recreating it.
2) Create a table to store Zepto product details including pricing, discounts, stock status, and quantity information.

Data Exploration

1) How many total records (rows) are present in the Zepto dataset?
2) What does a sample of the first 10 rows in the Zepto dataset look like?
3) Which products contain missing (NULL) values in critical columns?
4) What are the different product categories available in the Zepto dataset?
5) How many products are in stock versus out of stock?
6) Which product names appear multiple times in the dataset, and how frequently?
7) Remove products with invalid MRP values from the dataset.
8) Convert price values from paise to rupees for accurate monetary analysis.
9) Verify whether price conversion from paise to rupees was successful.

Business Insight Queries

1) What are the top 10 products offering the highest discount percentages?
2) Which high-MRP products (above ₹300) are currently out of stock?
3) What is the estimated potential revenue for each product category?
4) Which expensive products (MRP > ₹500) offer minimal discounts?
5) Which top 5 categories offer the highest average discount percentages?
6) Which products provide the best value for money based on price per gram?
7) How can products be grouped into Low, Medium, and Bulk categories based on weight?
8) What is the total inventory weight available for each product category?