SQL Case Study 4: Texture Tales

INTRODUCTION:

Texture Tales Clothing Company prides themselves on providing an optimized range of clothing and lifestyle wear for the modern adventurer!

I, the CEO of this trendy fashion company is asking you to assist the team's merchandising teams analyze their sales performance and generate a basic financial report to share with the wider business.

SCHEMA USED

product_details

product_id	varchar
price	int
product_name	varchar
category_id	int
segment_id	int
style_id	int
category_name	varchar
segment_name	varchar
style_name	varchar

sales

prod_id	varchar
qty	int
price	int
discount	int
member	varchar
txn_id	varchar
start_txn_time	varchar

product_prices

id	int
product_id	varchar
price	int

Product_hierarchy

id	int
product_id	int
price	int
start_date	date
end_date	date

CASE STUDY QUESTIONS

1. What was the total quantity sold for all products?
2. What is the total generated revenue for all products before discounts?
3. What was the total discount amount for all products?
4. How many unique transactions were there?
5. What are the average unique products purchased in each transaction?
6. What is the average discount value per transaction?
7. What is the average revenue for member transactions and non-member transactions?
8. What are the top 3 products by total revenue before discount?
9. What are the total quantity, revenue and discount for each segment?
10. What is the top selling product for each segment?
11. What are the total quantity, revenue and discount for each category?
12. What is the top selling product for each category?

THANK YOU