GADGET GALAXY

BUYING, SELLING, TRADE-IN

James Ehiabhi

Business Intro

- Gadget Galaxy Retail Company is a large chain of retail stores specializing in electronics, home appliances, and gadgets.
- With over 30 stores nationwide, Gadget Galaxy has been in the market for over two decades, catering to a diverse customer base.
- As the competition in the retail industry intensifies, Gadget Galaxy is keen on leveraging data analytics to gain insights into customer behavior, optimize inventory management, and enhance overall operational efficiency.
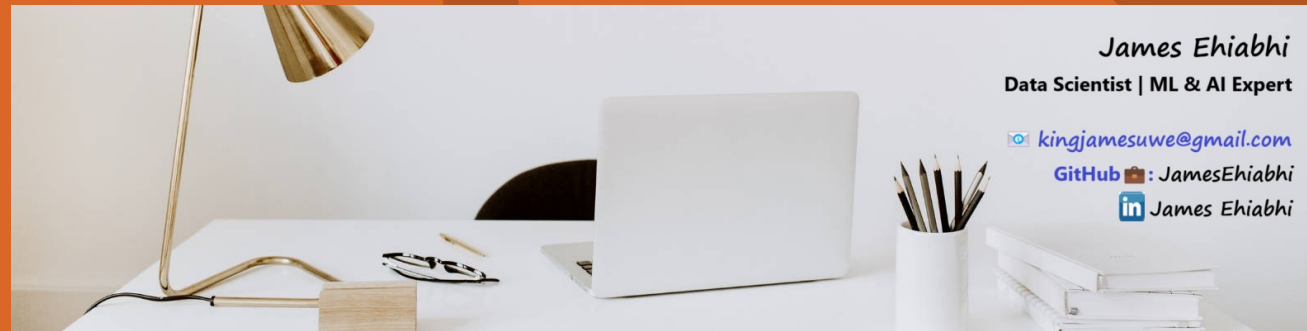
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Task

Gadget Galaxy is seeking your expertise as a data analyst to answer the following questions given their database.

- List all product categories available in the inventory.

  Identify the top 5 customer_id with the highest purchase based on purchase quantity.
- Count the number of products available in each category.
- Identify the top 5 customer_id based on their total spending.
- List all customers and their corresponding sales. Include customers who have not made any purchases.
- List all products and the details of their sales, including products that haven't been sold.
- List all customers and all products, showing customer details and product details where applicable. Include customers who have not bought anything and products that haven't been sold.
- Identify the top 5 customer (customer_name) with the highest purchase based on purchase quantity.

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Best wishes

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