

Using the provided dataset, complete the following analyses:

General Dashboard for Detailed Metrics

Create an analytical dashboard in Power BI to provide deeper insights into various business metrics.

Objective:

Enable business leaders to track detailed metrics and identify hidden trends.

Dataset Description (Columns):

- **orders_detail_id:** Unique identifier for each order detail
- **order_id:** Unique identifier for each order
- **product_id:** Unique identifier for each product
- **vendor_id:** Unique identifier for each product vendor
- **coupon_id:** Identifier of the coupon applied in the order
- **voucher_id:** Identifier of the voucher applied in the order
- **customer_id:** Unique identifier for each customer
- **category_id:** Product category ID
- **sub_category_id:** Product sub-category ID
- **city_id:** City ID where the order was placed
- **area_id:** Area ID within the city of the order
- **supermarket_type:** Supermarket type (1 or 2)
- **is_new_customer:** Indicates if the customer is new (1 = new, 0 = returning)
- **has_delay:** Indicates if the order was delayed
- **total_price:** Total price of products in the order
- **quantity:** Number of units of the product in the order
- **product_discount:** Discount on the product
- **coupon_value:** Value of the coupon applied
- **voucher_value:** Value of the voucher applied
- **changed_in_order:** Whether the order was changed for completion

- **free_delivery_campaign_id:** Free delivery campaign ID (0 = no campaign)
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Power BI Dashboards

- **Build interactive dashboards to visually present insights.**

BI Elements (Data Modeling):

- **Simulate dimensional modeling (e.g., Date, Product, Customer).**
- **Provide an explanation or diagram of the data model.**
- **Explain how the forecasting logic would be implemented in the data warehouse.**
- **Specify where outputs will be stored for future use (e.g., dashboards).**

Report

- **Explain your methodology for solving each task, detailing all steps and their objectives.**
- **Provide insights and actionable recommendations based on your findings.**