SWIGGY INSTAMART-SQL CASESTUDY

This case study focuses on solving real-world business problems for Swiggy Instamart using SQL techniques of various complexities.

✅ **Basic Level Queries**

1. List customers in the 'Frequent Shopper' segment
2. Find customers who registered in the last 6 months
3. List products priced between ₹30 and ₹100
4. Find products whose name contains 'Milk'
5. Top 5 oldest delivery partners

✅ **Intermediate Level Queries**

6. Count of delivery partners hired each year
7. Count of orders per month (all years)
8. Most frequently used payment method
9. Count of products available in each category
10. Stores with warehouse capacity less than average
11. Delivery partners with more than 5 deliveries
12. Supplier providing highest revenue-generating products
13. Products with high stock but low sales
14. Cities with high order cancellations
15. Customer segment contributing most to revenue

✅ **Advanced Level Queries**

16. Top 2 most expensive products in each category
17. Rank delivery partners by number of orders handled
18. Categorize products by stock level ('Low', 'Medium', 'High') using CASE
19. Calculate average delivery time per city and rank them
20. Rank customers by total spend
21. Detect customers who placed orders but never received them

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🎯 **Purpose of Case Study**

- Master practical SQL
- Apply analytical thinking
- Solve business problems effectively
- Generate meaningful insights from data

👉 Feel free to use, fork, or adapt this project for learning or professional purposes.