**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**

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

**✅ Advanced Level Queries**

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

**🎯 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.