



# MySQL Assignment E-COMMERCE DATASET

Practical Type Questions

**Difficulty Level:** *It's all in your head. As long as you are thinking logically, nothing has any difficulty level.*

**FEEL FREE TO ASK FOR ANY DOUBT OR ANY KIND OF HELP.**

***Complete the following exercise in MySQL Workbench and submit the .sql file before the allotted deadline.***

1. In how many states has the business served? (Get the distinct number of states)
2. Who is the most frequent customer? (Get the customer id, name and state and number of orders placed of the most frequent top 3 customer)
3. Get the category\_id of the highest selling CATEGORY
4. Get monthly sales.
5. Get monthly growth rate as compared to previous month
6. What is the rolling\_avg of window 3 throughout the year?
7. Find the top 3 customers in each state. (Get purchase\_id, date, customer\_id, sales, state, ranks of the top 3 sales)
8. Get the months when the total monthly sales was above the average of overall sales
9. Which product is in Demand in Delhi? (Get the highest ordered product in delhi)
10. You are required to check the monthly sales of each state every month. Create a procedure which takes the name of state as input and returns the monthly sales of that state