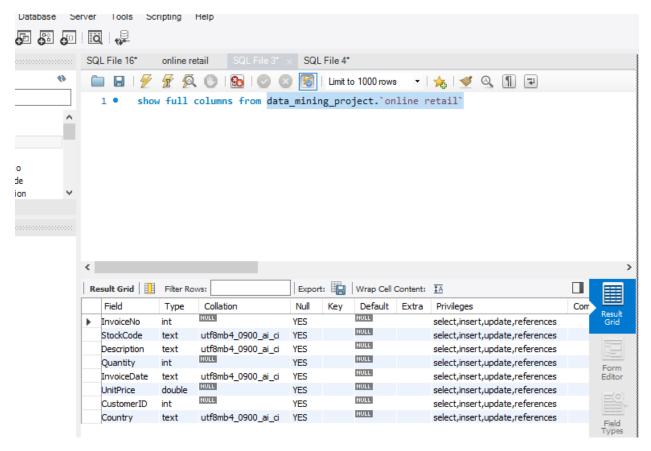
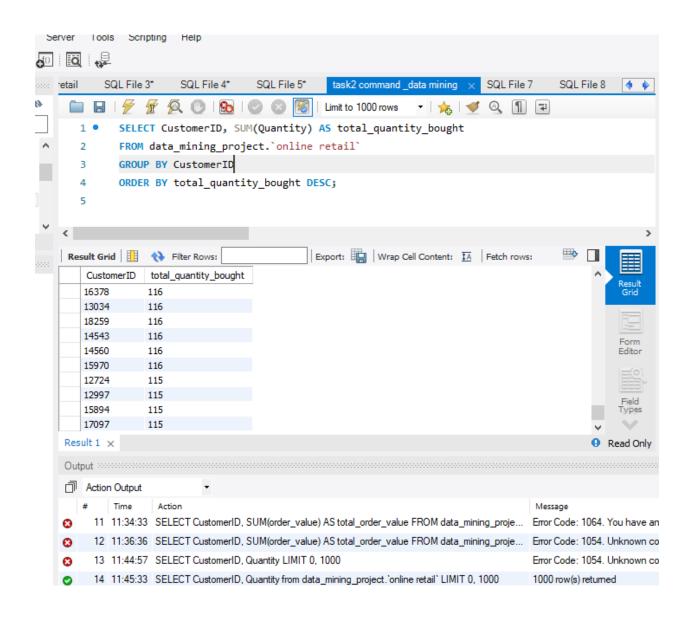
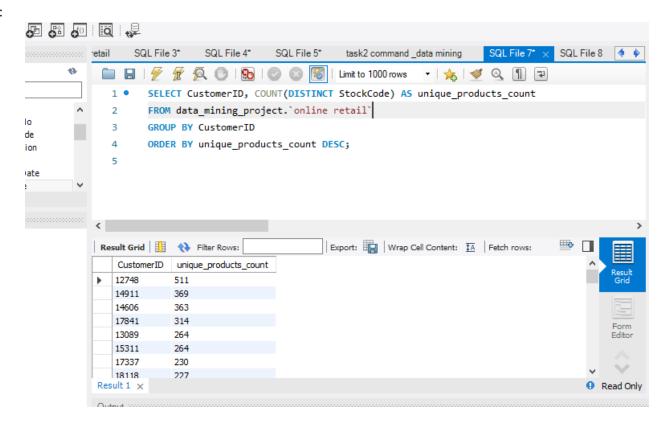
Task 1: Define Meta data in MYSQL workbench?



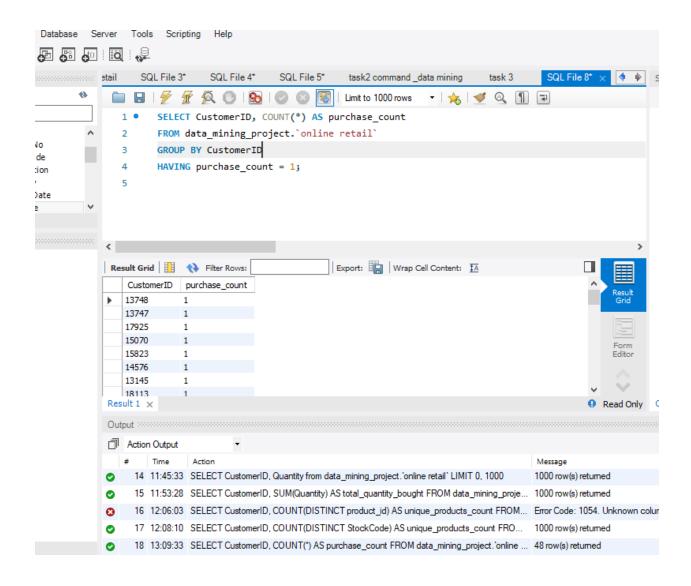
Task 2: What is the distribution of order values across all customers in the datasets?



Task 3: How Many unique products has each customer purchased?



Task 4: which customer have only made a single purchase from the company?

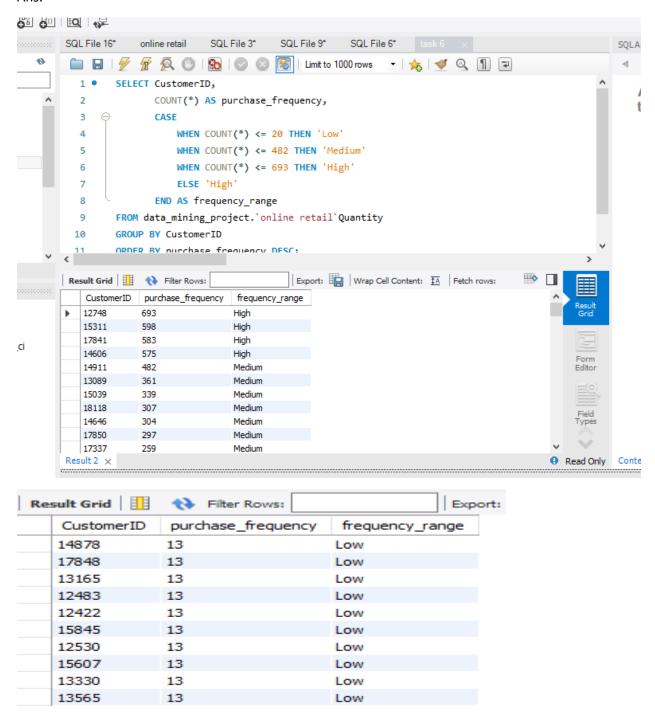


Task 5: Whish product are most commonly purchased together by the customers in the datasets?

Advance Queries

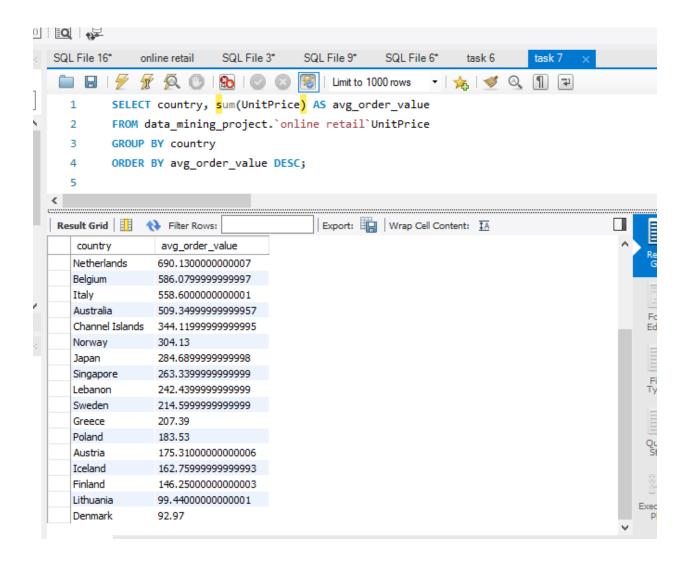
1. Customer Segmentation by Purchase Frequency

Group customers into segments based on their purchase frequency, such as high, medium, and low frequency customers. This can help you identify your most loyal customers and those who need more attention.



2. Average Order Value by Country

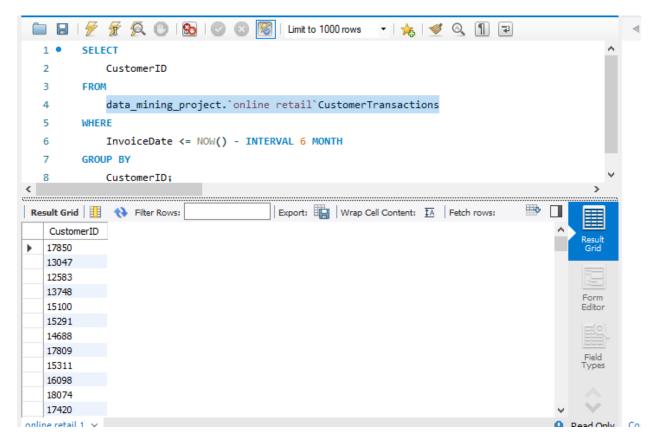
Calculate the average order value for each country to identify where your most valuable customers are located.



3. Customer Churn Analysis

Identify customers who haven't made a purchase in a specific period (e.g., last 6 months) to assess churn.

Ans:



4. Product Affinity Analysis

Determine which products are often purchased together by calculating the correlation between product purchases.

5. Time-based Analysis

Explore trends in customer behavior over time, such as monthly or quarterly sales patterns

