Codebasics SQL Challenge

Requests:

1. Provide the list of markets in which customer "Atliq Exclusive" operates its business in the APAC region.

2. What is the percentage of unique product increase in 2021 vs. 2020? The final output contains these fields,
    > unique_products_2020
    > unique_products_2021
    > percentage_chg

3. Provide a report with all the unique product counts for each segment and sort them in descending order of product counts. The final output contains 2 fields,
    > segment
    > product_count

4. Follow-up: Which segment had the most increase in unique products in 2021 vs 2020? The final output contains these fields,
    > segment
    > product_count_2020
    > product_count_2021
    > difference

5. Get the products that have the highest and lowest manufacturing costs. The final output should contain these fields,
    > product_code
    > product
    > manufacturing_cost

6. Generate a report which contains the top 5 customers who received an average high pre_invoice_discount_pct for the fiscal year 2021 and in the Indian market. The final output contains these fields,
   - customer_code
   - customer
   - average_discount_percentage

7. Get the complete report of the Gross sales amount for the customer **"Atliq Exclusive"** for each month. This analysis helps to get an idea of low and high-performing months and take strategic decisions.
   The final report contains these columns:
   - Month
   - Year
   - Gross sales Amount

8. In which quarter of 2020, got the maximum total_sold_quantity? The final output contains these fields sorted by the total_sold_quantity,
   - Quarter
   - total_sold_quantity

9. Which channel helped to bring more gross sales in the fiscal year 2021 and the percentage of contribution? The final output contains these fields,
   - channel
   - gross_sales_mln
   - percentage

10. Get the Top 3 products in each division that have a high total_sold_quantity in the fiscal_year 2021? The final output contains these fields,
    - division
    - product_code

product
total_sold_quantity
rank_order

Note:
1. The submissions are evaluated based on the query readability, logic, and also presentation of the results.

2. We recommend you create a presentation video assuming presenting to the business stakeholders and create a Linkedin post that contains the link to GitHub files (SQL codes, Presentation document), video presentation, and also your experience while working on this challenge.

3. Submit your post link on the resume project challenge page of codebasics. (https://codebasics.io/event/codebasics-resume-project-challenge)