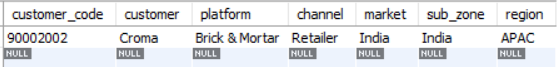
SQL: Finance Analytics

1.first grab customer codes for Crom

A close-up of a computer screen

AI-generated content may be incorrect.

Output



USER DEFINED FUNCTIONS

2. create a function 'get\_fiscal\_year' to get fiscal year(begins in September) by passing the date

A computer screen shot of a computer code

AI-generated content may be incorrect.

3.create another function’ get\_fiscal\_quater’ to generate quarter wise sales A computer screen shot of a computer

AI-generated content may be incorrect.

4.Croma India product wise sales report for fiscal year 2021

A screen shot of a computer code

AI-generated content may be incorrect.

Output A screen shot of a computer

AI-generated content may be incorrect.

5.Gross Monthly total sales report for Croma

A computer code with black text

AI-generated content may be incorrect.

Output

A screenshot of a data

AI-generated content may be incorrect.

6.Get Yearly Gross sales report for Croma India

A computer screen shot of a code

AI-generated content may be incorrect.

Output

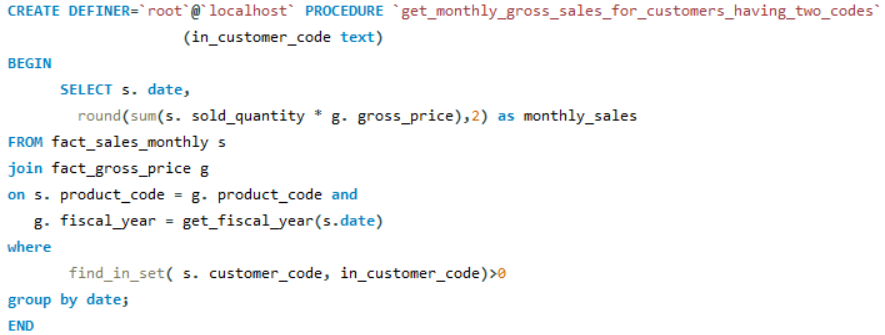
A screenshot of a computer

AI-generated content may be incorrect.

STORED PROCEDURE

7.Create a stored procedure to get monthly gross sales for any customer A screen shot of a computer code

AI-generated content may be incorrect.

8.Create a stored procedure to get monthly gross sales for customers having 2 customer codes 

9.Create a stored procedure to get market badge

#If total sold quantity >5million that market is considered Gold else it is Silver A screen shot of a computer code

AI-generated content may be incorrect.

Top Market, Customers and Products Analysis

PERFORMANCE IMPROVEMENT

10.Added the fiscal year in the fact\_sales\_monthly table itself to get pre invoice discount pct

A screenshot of a computer code

AI-generated content may be incorrect.

Output A screenshot of a computer

AI-generated content may be incorrect.

DATABASE VIEWA

11. Creating the view `sales pre invoice discount` and store all the data in like a virtual table A screenshot of a computer code

AI-generated content may be incorrect.

Now generate net\_invoice\_sales using the above created view "sales\_pre\_invoice\_discount"

A close up of a computer code

AI-generated content may be incorrect.

Output A screenshot of a computer

AI-generated content may be incorrect.

12. Create a view for post invoice deductions: `sales\_postinv\_discount` A screen shot of a computer code

AI-generated content may be incorrect.

Now generate net\_sales using the above created view "sales\_postinv\_discount"

A black text on a white background

AI-generated content may be incorrect.

Output A screenshot of a computer

AI-generated content may be incorrect.13. Finally creating the view `net\_sales` which inbuilt use/include all the previous created view and gives the final result A computer screen shot of a computer code

AI-generated content may be incorrect.

14. Get top 5 market by net sales in fiscal year 2021

A computer code with numbers and letters

AI-generated content may be incorrect.

Output

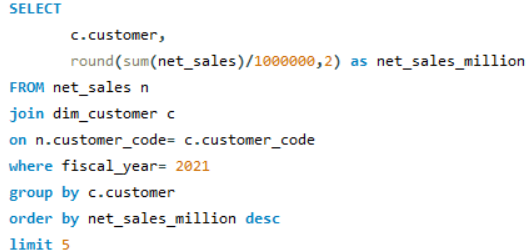
A screenshot of a computer

AI-generated content may be incorrect.

15. Stored procedure to get top n markets by net sales for a given year A screenshot of a computer

AI-generated content may be incorrect.

16. Get top 5 Customers by net sales in fiscal year 2021



Output

A screenshot of a computer screen

AI-generated content may be incorrect.

17. Stored procedure to get top n customers by net sales for a given year A screen shot of a computer code

AI-generated content may be incorrect.

18. Get top 5 Products by net sales in fiscal year 2021

A computer code with numbers and numbers

AI-generated content may be incorrect.

Output

A screenshot of a computer

AI-generated content may be incorrect.

19. Stored procedure to get top n products by net sales for a given year A screen shot of a computer code

AI-generated content may be incorrect.

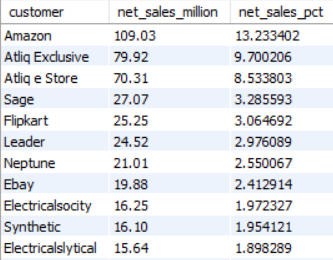
WINDOW FUNCTION OVER CLAUSE

20. find out customer wise net sales percentage contribution

A computer screen shot of a code

AI-generated content may be incorrect.

Output



Top 10 Customers by Net Sales% Share

21. find out Region wise net sales percentage contribution A computer screen shot of a code

AI-generated content may be incorrect.

Output

A screenshot of a data

AI-generated content may be incorrect.

Top 10 Customers for APAC-Region

WINDOW FUNCTION DENSE RANK

22. Find out top 3 products from each division by total quantity sold in a given year

A screen shot of a computer code

AI-generated content may be incorrect.

Output

A screenshot of a computer

AI-generated content may be incorrect.

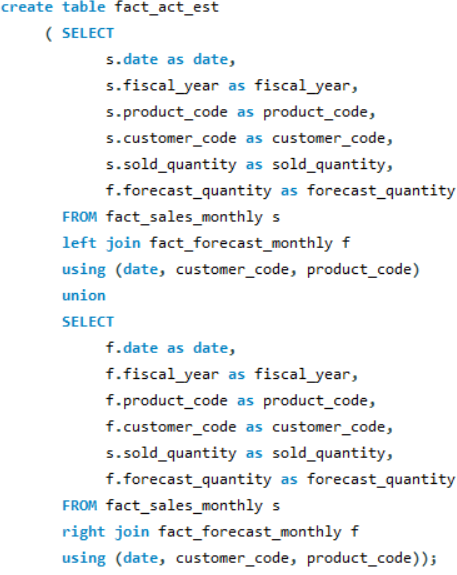
23. Creating stored procedure for the above query A screen shot of a computer code

AI-generated content may be incorrect.

SUPPLY CHAIN ANALYSIS

CREATE A HELPER TABLE

24. create table fact\_act\_est



Output

A screenshot of a computer

AI-generated content may be incorrect.

25.To Replace null values with 0

A black and white text

AI-generated content may be incorrect.

A black text on a white background

AI-generated content may be incorrect.

Output

A screenshot of a computer

AI-generated content may be incorrect.

26.Forecast Accuracy Report A screen shot of a computer code

AI-generated content may be incorrect.

Output A screenshot of a data

AI-generated content may be incorrect.

27.Now Create a stored procedure for Forecast Accuracy A computer screen shot of a program

AI-generated content may be incorrect.