**Overview**

Welcome to the comprehensive documentation for the database. This document offers a detailed insight into the structure and contents of the database, providing valuable information about tables, columns, and their respective

data types, stored procedures, views, and functions present in the database.

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| --- | --- | --- |
| TABLE\_NAME | COLUMN\_NAME | DATA\_TYPE |
| dim\_customer | customer\_code | int |
| customer | varchar |
| platform | varchar |
| channel | varchar |
| market | varchar |
| sub\_zone | varchar |
| region | varchar |
| dim\_product | product\_code | varchar |
| division | varchar |
| segment | varchar |
| category | varchar |
| product | varchar |
| variant | varchar |
| fact\_forecast\_monthly | date | date |
| fiscal\_year | year |
| product\_code | varchar |
| customer\_code | int |
| forecast\_quantity | int |
| fact\_freight\_cost | market | varchar |
| fiscal\_year | year |
| freight\_pct | decimal |
| other\_cost\_pct | decimal |
| fact\_gross\_price | product\_code | varchar |
| fiscal\_year | year |
| gross\_price | decimal |
| fact\_manufacturing\_cost | product\_code | varchar |
| cost\_year | year |
| manufacturing\_cost | decimal |
| fact\_post\_invoice\_deductions | customer\_code | int |
| product\_code | varchar |
| date | date |
| discounts\_pct | decimal |
| other\_deductions\_pct | decimal |
| customer\_code | int |
| fiscal\_year | year |
| pre\_invoice\_discount\_pct | decimal |
| fact\_sales\_monthly | date | date |
| product\_code | varchar |
| customer\_code | int |
| sold\_quantity | int |

|  |  |
| --- | --- |
| ROUTINE\_NAME | ROUTINE\_TYPE |
| get\_customer\_code | FUNCTION |
| get\_fiscal\_year | FUNCTION |
| get\_monthly\_gross\_sales\_for\_customer | PROCEDURE |
| get\_top\_n\_customers\_by\_net\_sales | PROCEDURE |
| get\_top\_n\_markets\_by\_net\_sales | PROCEDURE |
| get\_top\_n\_products\_per\_division\_by\_qty\_sold | PROCEDURE |
| net\_sales | VIEW TABLE |
| sales\_postinv\_discount | VIEW TABLE |
| sales\_preinv\_discount | VIEW TABLE |

Conclusion:

The database comprises a sophisticated collection of tables meticulously designed to store and manage crucial data related to customers, products, sales, forecasts, costs, and deductions. With defined columns and precise data types, this database serves as a robust foundation for efficient data management and analysis.