DIM_CUSTOMER

name: STRING
address: STRING
email: STRING
phone: STRING
segment: STRING

customer_id: INT (Primary Key)

DIM_EMPLOYEE

name: STRING
title: STRING

employee_id: INT (Primary Key)
department_id: INT (Foreign Key)
location_id: INT (Foreign Key)

DIM_DATE

date: DATE
month: STRING
quarter: STRING
year: INT
day_of_the_week: STRING
holidays: BOOLEAN

date_id: INT (Primary Key)

FACT_SALES

quantity_sold: INT
revenue: DECIMAL
discount: DECIMAL
tax: DECIMAL

sales_id: INT (Primary Key)
product_id: INT (Foreign Key)
customer_id: INT (Foreign Key)
employee_id: INT (Foreign Key)
store_id: INT (Foreign Key)
date_id: INT (Foreign Key)

DIM_STORE

name: STRING
address: STRING

store_id: INT (Primary Key)
city_id: INT (Foreign Key)
state_id: INT (Foreign Key)

DIM_PRODUCT

name: STRING
price: DECIMAL

product_id: INT (Primary Key)
category_id: INT (Foreign Key)
subcategory_id: INT (Foreign Key)

DIM_LOCATION

name: STRING
address: STRING

location_id: INT (Primary Key)
city_id: INT (Foreign Key)
state_id: INT (Foreign Key)

DIM_DATE

date: DATE
month: STRING
quarter: STRING
year: INT

date_id: INT (Primary Key)

FACT_INVENTORY

quantity_on_hand: INT

inventory_id: INT (Primary Key)
product_id: INT (Foreign Key)
location_id: INT (Foreign Key)
date_id: INT (Foreign Key)

DIM_PRODUCT

name: STRING
price: DECIMAL

product_id: INT (Primary Key)
category_id: INT (Foreign Key)
subcategory_id: INT (Foreign Key)

DIM_DEPARTMENT

name: STRING

department_id: INT (Primary Key)

DIM_DATE

date: DATE
month: STRING
quarter: STRING
year: INT

date_id: INT (Primary Key)

FACT_HUMAN_RESOURCES

salary: DECIMAL
benefits_cost: DECIMAL

hr_id: INT (Primary Key)
employee_id: INT (Foreign Key)
department_id: INT (Foreign Key)
position_id: INT (Foreign Key)
date_id: INT (Foreign Key)

DIM_POSITION

title: STRING

position_id: INT (Primary Key)

DIM_EMPLOYEE

employee_id: INT (Primary Key)

name: STRING
gender: STRING
hire_date: DATE

DIM_SUPPLIER

name: STRING

supplier_id: INT (Primary Key)

DIM_DATE

date: DATE
month: STRING
quarter: STRING
year: INT

date_id: INT (Primary Key)

FACT_PURCHASING

quantity: INT
total_cost: DECIMAL
purchase_price: DECIMAL

purchase_id: INT (Primary Key)
product_id: INT (Foreign Key)
supplier_id: INT (Foreign Key)
date_id: INT (Foreign Key)

DIM_PRODUCT

name: STRING
price: DECIMAL

product_id: INT (Primary Key)
category_id: INT (Foreign Key)
subcategory_id: INT (Foreign Key)