HW-5 Data Warehouse ERD

dim_date

- DateKey INT(11)
- DATE DATETIME
- DAYOFMONTH VARCHAR(2)
- DAYNAME VARCHAR(9)
- DayOfWeekInMonth VARCHAR(2)
- DayOfWeekInYear VARCHAR(2)
- DayOfQuarter VARCHAR(3)
- DAYOFYEAR VARCHAR(3)
- WeekOfMonth VARCHAR(1)
- WeekOfQuarter VARCHAR(2)
- WEEKOFYEAR VARCHAR(2)
- MONTH VARCHAR(2)
- MONTHNAME VARCHAR(9)
- QUARTER CHAR(1)
- QuarterName VARCHAR(9)
- YEAR CHAR(4)

dim_product

- ProductKey INT(11)
- ProductAltKey VARCHAR(10)
- ProductName VARCHAR(100)
- ProductActualCost DECIMAL(9,2)
- ProductSalesPrice DECIMAL(9,2)

fact_productsales

- TransactionId BIGINT(20)
- SalesInvoiceNumber INT(11)
- SalesDateKey INT(11) (FK)
- StoreID INT(11) (FK)
- CustomerID INT(11) (FK)
- ProductID INT(11) (FK)
- SalesPersonID INT(11) (FK)
- ProductCost DECIMAL(9,2)
- SalesPrice DECIMAL(9,2)
- Quantity INT(11)

dim_customer

- CustomerID INT(11)
- CustomerAltID VARCHAR(10)
- CustomerName VARCHAR(50)
- Gender VARCHAR(2)

dim_salesperson

- SalesPersonID INT(11)
- SalesPersonAltID VARCHAR(10)
- SalesPersonName VARCHAR(100)
- StoreID INT(11)
- City VARCHAR(100)
- State VARCHAR(100)
- Country VARCHAR(100)

dim_store

- StoreID INT(11)
- StoreAltID VARCHAR(10)
- StoreName VARCHAR(100)
- StoreLocation VARCHAR(100)
- City VARCHAR(100)
- State VARCHAR(100)
- Country VARCHAR(100)