A screenshot of a computer

Description automatically generated

CREATE TABLE Shepel\_Molenda.DIM\_CUSTOMER (

CustomerID INT,

FirstName NVARCHAR(50),

LastName NVARCHAR(50),

TerritoryName NVARCHAR(50),

CountryRegionCode NVARCHAR(3),

GroupName NVARCHAR(50)

);

CREATE TABLE Shepel\_Molenda.DIM\_PRODUCT (

ProductID INT,

Name NVARCHAR(50),

ListPrice MONEY,

Color NVARCHAR(15),

SubCategoryName NVARCHAR(50),

CategoryName NVARCHAR(50)

);

CREATE TABLE Shepel\_Molenda.DIM\_SALESPERSON (

SalesPersonID INT,

FirstName NVARCHAR(50),

LastName NVARCHAR(50),

Title NVARCHAR(8), -- A courtesy title. For example, Mr. or Ms.

Gender NCHAR(1),

CountryRegionCode NVARCHAR(3),

GroupName NVARCHAR(50), -- Geographic area to which the sales territory belong.

Age INT

);

CREATE TABLE Shepel\_Molenda.FACT\_SALES (

ProductID INT,

CustomerID INT,

SalesPersonID INT,

OrderDate INT,

ShipDate INT,

OrderQty INT,

UnitPrice MONEY,

UnitPriceDiscount MONEY,

LineTotal MONEY

);

**DIM\_CUSTOMER:**

* **CustomerID**: INT, Source: Sales.customer
* **FirstName**: NVARCHAR(50), Source: person.Person
* **LastName**: NVARCHAR(50), Source: person.Person
* **TerritoryName**: NVARCHAR(50), Source: Sales.SalesTerritory
* **CountryRegionCode**: NVARCHAR(3), Source: Sales.SalesTerritory
* **GroupName**: NVARCHAR(50), Source: Sales.SalesTerritory

**DIM\_PRODUCT:**

* **ProductID**: INT, Source: Production.Product
* **Name**: NVARCHAR(50), Source: Production.Product
* **ListPrice**: MONEY, Source: Production.Product
* **Color**: NVARCHAR(15), Source: Production.Product
* **SubCategoryName**: NVARCHAR(50), Source: Production.ProductSubcategory
* **CategoryName**: NVARCHAR(50), Source: Production.ProductCategory

**DIM\_SALESPERSON:**

* **SalesPersonID**: INT, Source: Sales.SalesPerson
* **FirstName**: NVARCHAR(50), Source: person.Person
* **LastName**: NVARCHAR(50), Source: person.Person
* **Title**: NVARCHAR(8), Source: person.Person (Courtesy title, e.g., Mr. or Ms.)
* **Gender**: NCHAR(1), Source: HumanResources.Employee
* **CountryRegionCode**: NVARCHAR(3), Source: Sales.SalesTerritory
* **GroupName**: NVARCHAR(50), Source: Sales.SalesPerson (Geographic area to which the sales territory belongs)
* **Age**: INT (Calculated based on birth date in HumanResources.Employee)

**FACT\_SALES:**

* **ProductID**: INT, Source: Sales.SalesOrderDetail
* **CustomerID**: INT, Source: Sales.SalesOrderHeader
* **SalesPersonID**: INT, Source: Sales.SalesOrderHeader
* **OrderDate**: INT, Source: Sales.SalesOrderHeader
* **ShipDate**: INT, Source: Sales.SalesOrderHeader
* **OrderQty**: SMALLINT, Source: Sales.SalesOrderDetail
* **UnitPrice**: MONEY, Source: Sales.SalesOrderDetail
* **UnitPriceDiscount**: MONEY, Source: Sales.SalesOrderDetail
* **LineTotal**: MONEY, Source: Sales.SalesOrderDetail

REFERENTIAL CONSTRAINTS:

DIM\_PRODUCT

ProductID primary key

DIM CUSTOMER

Customer ID primary key

DIM SALESPERSON

SalesPersonID PK

FACT\_SALES

SalesOrderDetailID PK

Product id foreign key

CustomerID fk

SalesPersonID fk