

Table 1 - DimCustomer

Attribute	Description (If Needed)
CustomerID	Surrogate Key
CustomerID_OLTP	OLTP Natural Key
Title	Title. Mr., Ms., etc.
FirstName	
MiddleName	
LastName	
Suffix	Suffix. Jr., Sr., etc.
BirthDate	
MaritalStatus	
Gender	
YearlyIncome	
TotalChildren	
NumberChildrenAtHome	
Education	
Occupation	
HouseOwnerFlag	
NumberCarsOwned	
CommuteDistance	
AddressLine1	
AddressLine2	
City	
PostalCode	
StateName	
CountryCode	
EmailAddress	
HomePhoneNumber	
CellPhoneNumber	
PrimarySalesReason	Derived. Take from SalesReason.txt
SecondarySalesReason	Derived. Take from SalesReason.txt

Table 2 - DimStore

Attribute	Description (If Needed)
StoreID	Surrogate Key
StoreID_OLTP	OLTP Natural Key
ManagerLastName	
StoreDescription	
RegionDescription	

Table 3 - DimProduct

Attribute	Description (If Needed)
ProductID	Surrogate Key
ProductID_OLTP	OLTP Natural Key
ProductName	
ProductNumber	
MakeFlag	
FinishedGoodsFlag	
Color	
SafetyStockLevel	
ReorderPoint	
StandardCost	
ListPrice	
Size	
SizeUnitMeasureCode	
WeightUnitMeasureCode	
Weight	
DaysToManufacture	
SellStartDate	
DiscontinuedDate	
SubCategoryName	
CategoryName	

Table 4 - DimDate

Attribute	Description (If Needed)*
DateKey	Surrogate Key
FullDate	Actual date data type
DayOfWeek	Number 1 (Sun) to 7 (Sat)
DayNameOfWeek	Monday, Tuesday, etc.
DayOfMonth	Numbers
MonthName	Full month name. January, February, etc.
MonthOfYear	Numbers. 1 to 12.
CalendarQuarter	Q1, Q2, Q3, Q4
CalendarYear	Four digit number, as YYYY
Season	Winter, Spring, Summer, Fall
xmasFlag	Yes <u>1</u> or No <u>0</u>
IndepDayFlag	Yes <u>1</u> or No <u>0</u>
NewYrsFlag	Yes <u>1</u> or No <u>0</u>

*All attributes in this table are derived.

Table 5 - DimSalesPerson

Attribute	Description (If Needed)
SalesPersonID	Surrogate Key
SalesPersonID_OLTP	OLTP Natural Key
Title	Title. Mr., Ms., etc.
FirstName	
MiddleName	
LastName	
AddressLine1	
AddressLine2	
City	
PostalCode	
State	
HomePhone	
BirthDate	
HireDate	
Gender	
MaritalStatus	
SalariedFlag	
CurrentFlag	
ReportsTo	Adhoc key into DimSalesPerson
StoreID	Adhoc Foreign Key into DimStore

Table 6 - FactStoreSales

Attribute	Description (If Needed)
OrderDateKey	DimDate Foreign Key
CustomerID	DimCustomer Foreign Key
SalesPersonID	DimSalesPerson Foreign Key
StoreID	DimStore Foreign Key
ProductID	DimProduct Foreign Key
SalesOrderNumber	Degeneratge dimension
OnlineOrderFlag	Derived. 1 for yes. 0 for No.
Freight	
TaxAmt	
OrderQty	
UnitPrice	
ExtendedPrice	Derived calculation. OrderQty x UnitPrice