/\*\*\*\*\*\* Object: Database UNKNOWN Script Date: 3/20/2022 3:44:34 PM \*\*\*\*\*\*/

/\*

Kimball Group, The Microsoft Data Warehouse Toolkit

Generate a database from the datamodel worksheet, version: 4

You can use this Excel workbook as a data modeling tool during the logical design phase of your project.

As discussed in the book, it is in some ways preferable to a real data modeling tool during the inital design.

We expect you to move away from this spreadsheet and into a real modeling tool during the physical design phase.

The authors provide this macro so that the spreadsheet isn't a dead-end. You can 'import' into your

data modeling tool by generating a database using this script, then reverse-engineering that database into

your tool.

Uncomment the next lines if you want to drop and create the database

\*/

/\*

DROP DATABASE UNKNOWN

GO

CREATE DATABASE UNKNOWN

GO

ALTER DATABASE UNKNOWN

SET RECOVERY SIMPLE

GO

\*/

USE ist722\_swhite19\_dw

;

IF EXISTS (SELECT Name from sys.extended\_properties where Name = 'Description')

EXEC sys.sp\_dropextendedproperty @name = 'Description'

EXEC sys.sp\_addextendedproperty @name = 'Description', @value = 'Default description - you should change this.'

;

-- Create a schema to hold user views (set schema name on home page of workbook).

-- It would be good to do this only if the schema doesn't exist already.

GO

/\*

CREATE SCHEMA fudgemart4

GO

\*/

/\* Drop table fudgemart4.FactReview \*/

IF EXISTS (SELECT \* FROM dbo.sysobjects WHERE id = OBJECT\_ID(N'fudgemart4.FactReview') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)

DROP TABLE fudgemart4.FactReview

;

/\* Create table fudgemart4.FactReview \*/

CREATE TABLE fudgemart4.FactReview (

[DateKey] int NOT NULL

, [ProductKey] int NOT NULL

, [CustomerKey] int NOT NULL

, [Stars] float NULL

, CONSTRAINT [PK\_fudgemart4.FactReview] PRIMARY KEY NONCLUSTERED

( [DateKey], [ProductKey], [CustomerKey] )

) ON [PRIMARY]

;

--Table extended properties...

exec sys.sp\_addextendedproperty @name=N'Table Type', @value=N'Fact', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=FactReview

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Review', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=FactReview

exec sys.sp\_addextendedproperty @name=N'Database Schema', @value=N'fudgemart4', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=FactReview

exec sys.sp\_addextendedproperty @name=N'Table Description', @value=N'Review', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=FactReview

;

-- User-oriented view definition

GO

IF EXISTS (select \* from sys.views where object\_id=OBJECT\_ID(N'[fudgemart4].[Review]'))

DROP VIEW [fudgemart4].[Review]

GO

CREATE VIEW [fudgemart4].[Review] AS

SELECT [DateKey] AS [DateKey]

, [ProductKey] AS [ProductKey]

, [CustomerKey] AS [CustomerKey]

, [Stars] AS [Stars]

FROM fudgemart4.FactReview

GO

--Column extended properties

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'DateKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'ProductKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'CustomerKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Stars', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Key to Date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Key to Product', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Key to Customer', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'The amount of stars given in the review', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3, 4, 5', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Counts & rates', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Key lookup from DimDate.DateKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Key lookup from DimProduct.ProductKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Key lookup from DimCustomer.CustomerKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_customer\_product\_reviews', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'review\_stars', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'int', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'FactReview', @level2type=N'COLUMN', @level2name=N'Stars';

;

/\* Drop table fudgemart4.DimDate \*/

IF EXISTS (SELECT \* FROM dbo.sysobjects WHERE id = OBJECT\_ID(N'fudgemart4.DimDate') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)

DROP TABLE fudgemart4.DimDate

;

/\* Create table fudgemart4.DimDate \*/

CREATE TABLE fudgemart4.DimDate (

[DateKey] int NOT NULL

, [Date] date NULL

, [FullDateUSA] nchar(11) NOT NULL

, [DayOfWeek] tinyint NOT NULL

, [DayName] nchar(10) NOT NULL

, [DayOfMonth] tinyint NOT NULL

, [DayOfYear] smallint NOT NULL

, [WeekOfYear] tinyint NOT NULL

, [MonthName] nchar(10) NOT NULL

, [MonthOfYear] tinyint NOT NULL

, [Quarter] tinyint NOT NULL

, [QuarterName] nchar(10) NOT NULL

, [Year] smallint NOT NULL

, CONSTRAINT [PK\_fudgemart4.DimDate] PRIMARY KEY CLUSTERED

( [DateKey] )

) ON [PRIMARY]

;

--Table extended properties...

exec sys.sp\_addextendedproperty @name=N'Table Type', @value=N'Dimension', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimDate

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Date', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimDate

exec sys.sp\_addextendedproperty @name=N'Database Schema', @value=N'fudgemart4', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimDate

exec sys.sp\_addextendedproperty @name=N'Table Description', @value=N'Date dimension contains one row for every day, may also be rows for "hasn''t happened yet."', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimDate

;

INSERT INTO fudgemart4.DimDate (DateKey, Date, FullDateUSA, DayOfWeek, DayName, DayOfMonth, DayOfYear, WeekOfYear, MonthName, MonthOfYear, Quarter, QuarterName, Year)

VALUES (-1, '', 'Unk date', 0, 'Unk date', 0, 0, 0, 'Unk month', 0, 0, 'Unk qtr', 0)

;

-- User-oriented view definition

GO

IF EXISTS (select \* from sys.views where object\_id=OBJECT\_ID(N'[fudgemart4].[Date]'))

DROP VIEW [fudgemart4].[Date]

GO

CREATE VIEW [fudgemart4].[Date] AS

SELECT [DateKey] AS [DateKey]

, [Date] AS [Date]

, [FullDateUSA] AS [FullDateUSA]

, [DayOfWeek] AS [DayOfWeek]

, [DayName] AS [DayName]

, [DayOfMonth] AS [DayOfMonth]

, [DayOfYear] AS [DayOfYear]

, [WeekOfYear] AS [WeekOfYear]

, [MonthName] AS [MonthName]

, [MonthOfYear] AS [MonthOfYear]

, [Quarter] AS [Quarter]

, [QuarterName] AS [QuarterName]

, [Year] AS [Year]

FROM fudgemart4.DimDate

GO

--Column extended properties

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'DateKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Date';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'FullDateUSA', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'FullDateUSA';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'DayOfWeek', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfWeek';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'DayName', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayName';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'DayOfMonth', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfMonth';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'DayOfYear', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfYear';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'WeekOfYear', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'WeekOfYear';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'MonthName', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthName';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'MonthOfYear', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthOfYear';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Quarter', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Quarter';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'QuarterName', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'QuarterName';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Year', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Year';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Surrogate primary key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Full date as a SQL date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Date';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'String expression of the full date, eg MM/DD/YYYY', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'FullDateUSA';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Number of the day of week; Sunday = 1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfWeek';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Day name of week, eg Monday', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayName';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Number of the day in the month', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfMonth';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Number of the day in the year', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfYear';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Week of year, 1..53', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'WeekOfYear';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Month name, eg January', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthName';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Month of year, 1..12', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthOfYear';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Calendar quarter, 1..4', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Quarter';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Quarter name eg. First', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'QuarterName';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Calendar year, eg 2010', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Year';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'20041123', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'38314', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Date';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'23-Nov-2004', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'FullDateUSA';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1..7', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfWeek';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'Sunday', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayName';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1..31', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfMonth';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1..365', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfYear';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1..52 or 53', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'WeekOfYear';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'November', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthName';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, …, 12', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthOfYear';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3, 4', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Quarter';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'November', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'QuarterName';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'2004', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Year';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'FullDateUSA';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfWeek';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayName';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfMonth';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfYear';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'WeekOfYear';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthName';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthOfYear';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Quarter';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'QuarterName';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'1', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Year';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Day', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Date';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Day', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'FullDateUSA';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Day', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfWeek';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Day', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayName';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Day', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfMonth';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Day', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfYear';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Calendar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'WeekOfYear';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Calendar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthName';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Calendar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthOfYear';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Calendar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Quarter';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Calendar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'QuarterName';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Calendar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Year';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'In the form: yyyymmdd', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DateKey';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Date';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'FullDateUSA';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfWeek';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayName';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfMonth';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'DayOfYear';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'WeekOfYear';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthName';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'MonthOfYear';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Quarter';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'QuarterName';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimDate', @level2type=N'COLUMN', @level2name=N'Year';

;

/\* Drop table fudgemart4.DimProduct \*/

IF EXISTS (SELECT \* FROM dbo.sysobjects WHERE id = OBJECT\_ID(N'fudgemart4.DimProduct') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)

DROP TABLE fudgemart4.DimProduct

;

/\* Create table fudgemart4.DimProduct \*/

CREATE TABLE fudgemart4.DimProduct (

[ProductKey] int NOT NULL

, [ProductID] int NOT NULL

, [ProductName] nvarchar(50) NOT NULL

, [ProductRetailPrice] decimal NOT NULL

, [RowIsCurrent] nchar(1) NOT NULL

, [RowStartDate] datetime NOT NULL

, [RowEndDate] datetime DEFAULT '12/31/9999' NOT NULL

, [RowChangeReason] nvarchar(200) NOT NULL

, CONSTRAINT [PK\_fudgemart4.DimProduct] PRIMARY KEY CLUSTERED

( [ProductKey] )

) ON [PRIMARY]

;

--Table extended properties...

exec sys.sp\_addextendedproperty @name=N'Table Type', @value=N'Dimension', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Product', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

exec sys.sp\_addextendedproperty @name=N'Database Schema', @value=N'fudgemart4', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

exec sys.sp\_addextendedproperty @name=N'Table Description', @value=N'Product Table', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

;

INSERT INTO fudgemart4.DimProduct (ProductKey, ProductID, ProductName, ProductRetailPrice, RowIsCurrent, RowStartDate, RowEndDate, RowChangeReason)

VALUES (-1, -1, 'Unknown', 0, 'Y', '12/31/1899', '12/31/9999', 'N/A')

;

-- User-oriented view definition

GO

IF EXISTS (select \* from sys.views where object\_id=OBJECT\_ID(N'[fudgemart4].[Product]'))

DROP VIEW [fudgemart4].[Product]

GO

CREATE VIEW [fudgemart4].[Product] AS

SELECT [ProductKey] AS [ProductKey]

, [ProductID] AS [ProductID]

, [ProductName] AS [ProductName]

, [ProductRetailPrice] AS [ProductRetailPrice]

, [RowIsCurrent] AS [Row Is Current]

, [RowStartDate] AS [Row Start Date]

, [RowEndDate] AS [Row End Date]

, [RowChangeReason] AS [Row Change Reason]

FROM fudgemart4.DimProduct

GO

--Column extended properties

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'ProductKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'ProductID', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'ProductName', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'ProductRetailPrice', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row Is Current', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row Start Date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row End Date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row Change Reason', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Surrogate primary key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Business key from source system (aka natural key)', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'The product''s name', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'The retail price of the product', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Is this the current row for this member (Y/N)?', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'When did this row become valid for this member?', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'When did this row become invalid? (12/31/9999 if current row)', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Why did the row change last?', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3…', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3…', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'Straight Claw Hammer', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'11', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'Y, N', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1/24/2011', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1/14/1998, 12/31/9999', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'2', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'2', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductKey';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_products', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_products', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_products', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'product\_id', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'product\_name', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'product\_retail\_price', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'int', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductID';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'nvarchar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductName';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'money', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'ProductRetailPrice';

;

/\* Drop table fudgemart4.DimProduct \*/

IF EXISTS (SELECT \* FROM dbo.sysobjects WHERE id = OBJECT\_ID(N'fudgemart4.DimCustomer') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)

DROP TABLE fudgemart4.DimCustomer

;

/\* Create table fudgemart4.DimProduct \*/

CREATE TABLE fudgemart4.DimCustomer (

[CustomerKey] int NOT NULL

, [CustomerID] int NULL

, [FirstName] nvarchar(50) NOT NULL

, [LastName] nvarchar(50) NOT NULL

, [RowIsCurrent] nchar(1) NOT NULL

, [RowStartDate] datetime NOT NULL

, [RowEndDate] datetime DEFAULT '12/31/9999' NOT NULL

, [RowChangeReason] nvarchar(200) NOT NULL

, CONSTRAINT [PK\_fudgemart4.DimCustomer] PRIMARY KEY CLUSTERED

( [CustomerKey] )

) ON [PRIMARY]

;

--Table extended properties...

exec sys.sp\_addextendedproperty @name=N'Table Type', @value=N'Dimension', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Product', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

exec sys.sp\_addextendedproperty @name=N'Database Schema', @value=N'fudgemart4', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

exec sys.sp\_addextendedproperty @name=N'Table Description', @value=N'Product Table', @level0type=N'SCHEMA', @level0name=fudgemart4, @level1type=N'TABLE', @level1name=DimProduct

;

INSERT INTO fudgemart4.DimCustomer (CustomerKey, CustomerID, FirstName, LastName, RowIsCurrent, RowStartDate, RowEndDate, RowChangeReason)

VALUES (-1, -1, 'Unknown', 'Unknown', 'Y', '12/31/1899', '12/31/9999', 'N/A')

;

-- User-oriented view definition

GO

IF EXISTS (select \* from sys.views where object\_id=OBJECT\_ID(N'[fudgemart4].[Customer]'))

DROP VIEW [fudgemart4].[Customer]

GO

CREATE VIEW [fudgemart4].[Customer] AS

SELECT [CustomerKey] AS [CustomerKey]

, [CustomerID] AS [CustomerID]

, [FirstName] AS [FirstName]

, [LastName] AS [LastName]

, [RowIsCurrent] AS [Row Is Current]

, [RowStartDate] AS [Row Start Date]

, [RowEndDate] AS [Row End Date]

, [RowChangeReason] AS [Row Change Reason]

FROM fudgemart4.DimCustomer

GO

--Column extended properties

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'CustomerKey', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'CustomerID', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'FirstName', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'LastName', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row Is Current', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row Start Date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row End Date', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Display Name', @value=N'Row Change Reason', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Surrogate primary key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Business key from source system (aka natural key)', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'The customer''s first name', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'The customer''s last name', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Is this the current row for this member (Y/N)?', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'When did this row become valid for this member?', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'When did this row become invalid? (12/31/9999 if current row)', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Description', @value=N'Why did the row change last?', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1, 2, 3…', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1,2,3 …', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'Lisa', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'Karforless', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'Y, N', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1/24/2011', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Example Values', @value=N'1/14/1998, 12/31/9999', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'key', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'2', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'2', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'SCD Type', @value=N'n/a', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Display Folder', @value=N'Exclude from cube', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'ETL Rules', @value=N'Standard SCD Type 2 Metadata', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerKey';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v3', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v4', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'fudgemart\_v5', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowIsCurrent';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowStartDate';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowEndDate';

exec sys.sp\_addextendedproperty @name=N'Source System', @value=N'Derived', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'RowChangeReason';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Source Schema', @value=N'dbo', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_customers', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_customers', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Source Table', @value=N'fm\_customers', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'customer\_id', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'customer\_firstname', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Source Field Name', @value=N'customer\_lastname', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'int', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'CustomerID';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'nvarchar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'FirstName';

exec sys.sp\_addextendedproperty @name=N'Source Datatype', @value=N'nvarchar', @level0type=N'SCHEMA', @level0name=N'fudgemart4', @level1type=N'TABLE', @level1name=N'DimProduct', @level2type=N'COLUMN', @level2name=N'LastName';

;

ALTER TABLE fudgemart4.FactReview ADD CONSTRAINT

FK\_fudgemart4\_FactReview\_DateKey FOREIGN KEY

(

DateKey

) REFERENCES DimDate

( DateKey )

ON UPDATE NO ACTION

ON DELETE NO ACTION

;

ALTER TABLE fudgemart4.FactReview ADD CONSTRAINT

FK\_fudgemart4\_FactReview\_ProductKey FOREIGN KEY

(

ProductKey

) REFERENCES DimProduct

( ProductKey )

ON UPDATE NO ACTION

ON DELETE NO ACTION

;

ALTER TABLE fudgemart4.FactReview ADD CONSTRAINT

FK\_fudgemart4\_FactReview\_CustomerKey FOREIGN KEY

(

CustomerKey

) REFERENCES DimCustomer

( CustomerKey )

ON UPDATE NO ACTION

ON DELETE NO ACTION

;