USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Channel\_vw] Script Date: 8/9/2017 12:35:22 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Channel\_vw]

AS

SELECT ChannelSK, ChannelKey, ChannelLabel, ChannelName, ChannelDescription

FROM dbo.DimChannel

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Customer\_Person\_vw] Script Date: 8/9/2017 12:48:33 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Customer\_Person\_vw]

AS

SELECT CustomerSK, CustomerID, CustomerLabel, CustomerKey, GeographySK, Title, FirstName, LastName

FROM dbo.DimCustomer\_Person

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_date\_vw] Script Date: 8/9/2017 12:49:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_date\_vw]

AS

SELECT DateSK, FullDateAK, FullDateTimeAK, YearID, MonthID, DayID, YearMonth, YearQtr, DayOfYear, WeekOfYear, DayofWeek, MonthAbr, DayAbr, MonthFull, DayFull, FullDateUSA, DayOfMonth, DaySuffix, DayName,

DayOfWeekUSA, DayOfWeekInMonth, DayOfWeekInYear, DayOfQuarter, DayOfYearChar, WeekOfMonth, WeekOfQuarter, WeekOfYearChar, MonthChar, MonthName, MonthOfQuarter, Quarter, QuarterName,

YearChar, YearName, MonthYear

FROM dbo.DimDate

GO

CREATE VIEW [dbo].[dim\_Entity\_vw]

AS

SELECT EntitySK, EntityKey, EntityLabel, ParentEntityLabel, EntityName, EntityDescription, EntityType, StartDate, EndDate, StartDateSK, EndDateSK, Status

FROM dbo.DimEntity

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Geography\_vw] Script Date: 8/9/2017 12:49:57 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Geography\_vw]

AS

SELECT GeographySK, GeographyKey, GeographyType, ContinentName, Country, Country\_name, RegionCountryName, Region, StateProvinceName, Subdiv\_name, City,

CityName

FROM dbo.DimGeography

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Product\_vw] Script Date: 8/9/2017 12:50:14 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Product\_vw]

AS

SELECT ProductSK AS Expr1, ProductKey, Product\_ID, Brand\_ID, ProductLabel, ProductName, ProductDescription, ProductSubcategoryKey, ProductSubcategoryLabel, ProductSubcategoryName,

ProductSubcategoryDescription, ProductCategoryKey, ProductCategoryLabel, ProductCategoryName, ProductCategoryDescription, BrandName,

StockTypeName, AvailableForSaleDate, StopSaleDate,

Status

FROM dbo.DimProduct

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_ProductPrice\_vw] Script Date: 8/9/2017 12:51:29 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_ProductPrice\_vw]

AS

SELECT SCD\_ProductPriceSK, ProductSK, CurrencyKey, UnitPrice, SCD\_EffectiveDate, SCD\_IneffectiveDate, SCD\_Current\_Flag

FROM dbo.DimProductPrice

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Promotion\_vw] Script Date: 8/9/2017 12:51:46 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Promotion\_vw]

AS

SELECT PromotionSK, PromotionID, PromotionKey, PromotionLabel, PromotionName, PromotionDescription, DiscountPercent, PromotionType, PromotionCategory

FROM dbo.DimPromotion

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_SalesTerritory\_vw] Script Date: 8/9/2017 12:51:59 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_SalesTerritory\_vw]

AS

SELECT SalesTerritorySK, SalesTerritoryKey, GeographySK, SalesTerritoryLabel, SalesTerritoryName, SalesTerritoryRegion, SalesTerritoryCountry, SalesTerritoryGroup,

StartDate, EndDate, Status

FROM dbo.DimSalesTerritory

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Scenario\_vw] Script Date: 8/9/2017 12:52:12 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Scenario\_vw]

AS

SELECT ScenarioSK, ScenarioKey, ScenarioLabel, ScenarioName, ScenarioDescription

FROM dbo.DimScenario

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[dim\_Store\_vw] Script Date: 8/9/2017 12:52:26 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[dim\_Store\_vw]

AS

SELECT StoreSK, StoreID, StoreKey, SalesTerritorySK, StoreManager, StoreType, StoreName, StoreDescription,

GeographySK

FROM dbo.DimStore

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[DimCustomer\_vw] Script Date: 8/9/2017 12:52:40 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create view [dbo].[DimCustomer\_vw]

as

SELECT

CustomerSK

,CustomerID

,CustomerKey

,CustomerLabel

,'Person' as CustomerType

,GeographySK

,case when MiddleName is not null then LastName+', '+FirstName+' '+MiddleName

else LastName+', '+FirstName

end as CustomerName

FROM Retail\_DW.dbo.DimCustomer\_Person

union

SELECT

c. CustomerSK

,c.CustomerID

,c.CustomerKey

,c.CustomerLabel

,c.CustomerType

,c.GeographySK

,c.CompanyName as CustomerName

FROM Retail\_DW.dbo.DimCustomer\_Company c

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[DimMonth\_Plan\_vw] Script Date: 8/9/2017 12:52:56 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

create view [dbo].[DimMonth\_Plan\_vw]

as

SELECT YearID\*100 + MonthID as PlanMonthSK,

DateSK as PlanDateSK,

FullDateAK as PlanDate,

FullDateTimeAK as PlanDateTime,

YearID,

YearQtr as QuarterSK,

(YearQtr - (YearID\*100)) as QtrID,

MonthID,

MonthAbr,

MonthOfQuarter

FROM DimDate

where DayOfMonth = 1

and YearMonth >= 201201

and YearMonth < 201501

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[DimMonth\_Quota\_vw] Script Date: 8/9/2017 12:53:09 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

create view [dbo].[DimMonth\_Quota\_vw]

as

SELECT YearMonth as QuotaMonthSK,

DateSK as QuotaDateSK,

FullDateAK as QuotaDate,

FullDateTimeAK,

YearID,

YearQtr,

Quarter

MonthID,

MonthAbr,

MonthOfQuarter

FROM retail\_dw\_test.dbo.DimDate

where DayOfMonth = 1

and YearMonth >= 201201

and YearMonth < 201501

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[FactInventory\_vw] Script Date: 8/9/2017 12:53:24 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[FactInventory\_vw]

AS

SELECT InventorySK, InventoryDateSK, InventoryDate, StoreSK, ProductSK, GeographySK, OnHandQuantity, OnOrderQuantity, SafetyStockQuantity, MinDayInStock, DaysInStock, MaxDayInStock, Aging

FROM dbo.FactInventory

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[FactOnlineSales\_vw] Script Date: 8/9/2017 12:53:41 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[FactOnlineSales\_vw]

AS

SELECT SalesSK, SalesDateSK, SalesDate, CustomerSK, ChannelSK, StoreSK, ProductSK, PromotionSK, GeographySK, SalesOrderNumber, SalesOrderLineNumber, SalesQuantity, ReturnQuantity, SalesAmount,

ReturnAmount, DiscountAmount, TotalCost, Local\_CurrencySK, SalesAmount\_Local, ReturnAmount\_Local, DiscountAmount\_Local, TotalCost\_Local

FROM dbo.FactOnlineSales

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[FactSales\_vw] Script Date: 8/9/2017 12:53:52 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[FactSales\_vw]

AS

SELECT SalesSK, SalesDateSK, SalesDate, ChannelSK, StoreSK, ProductSK, PromotionSK, GeographySK, SalesQuantity, ReturnQuantity, SalesAmount, ReturnAmount, DiscountAmount, TotalCost, Local\_CurrencySK,

SalesAmount\_Local, ReturnAmount\_Local, DiscountAmount\_Local, TotalCost\_Local

FROM dbo.FactSales

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[FactSalesQuota\_vw] Script Date: 8/9/2017 12:54:03 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[FactSalesQuota\_vw]

AS

SELECT SalesQuotaSK, SalesQuotaKey, ChannelSK, StoreSK, ProductSK, QuotaDateSK, QuotaDateKey, CurrencySK, ScenarioSK, SalesQuantityQuota, GrossMarginPct, Local\_CurrencySK,

SalesAmountQuota\_Local

FROM dbo.FactSalesQuota

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[FactStrategyPlan\_vw] Script Date: 8/9/2017 12:54:14 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[FactStrategyPlan\_vw]

AS

SELECT StrategyPlanSK, PlanDateSK, PlanDatekey, EntitySK, ScenarioSK, AccountSK, ProductCategoryKey, PlanAmount

FROM dbo.FactStrategyPlan

GO

USE [retail\_dw]

GO

/\*\*\*\*\*\* Object: View [dbo].[V\_ProductForecast] Script Date: 8/9/2017 12:54:26 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE VIEW [dbo].[V\_ProductForecast]

AS

SELECT D.MonthID, P.ProductCategoryName, SUM(S.SalesQuantity)

AS SalesQuantity, SUM(S.SalesAmount) AS SalesAmount

FROM dbo.FactOnlineSales AS S INNER JOIN

dbo.DimProduct AS P ON S.ProductSK = P.ProductSK

INNER JOIN

dbo.DimDate AS D ON S.SalesDateSK= D.DateSK

Group by D.MonthID,P.ProductCategoryName

GO