





use retail\_dw;

CREATE VIEW dim\_Channel\_vw

AS

SELECT ChannelSK, ChannelKey, ChannelLabel, ChannelName, ChannelDescription

FROM DimChannel;

CREATE VIEW dim\_Customer\_Person\_vw

AS

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

FROM DimCustomer\_Person;

CREATE VIEW 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 DimDate;

CREATE VIEW dim\_Entity\_vw

AS

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

FROM DimEntity;

CREATE VIEW dim\_Geography\_vw

AS

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

CityName

FROM DimGeography;

CREATE VIEW 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 DimProduct;

CREATE VIEW dim\_ProductPrice\_vw

AS

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

FROM DimProductPrice;

CREATE VIEW dim\_Promotion\_vw

AS

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

FROM DimPromotion;

CREATE VIEW dim\_SalesTerritory\_vw

AS

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

StartDate, EndDate, Status

FROM DimSalesTerritory;

CREATE VIEW dim\_Scenario\_vw

AS

SELECT ScenarioSK, ScenarioKey, ScenarioLabel, ScenarioName, ScenarioDescription

FROM DimScenario;

CREATE VIEW dim\_Store\_vw

AS

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

GeographySK

FROM DimStore;

Create view 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 DimCustomer\_Person

union

SELECT

c. CustomerSK

,c.CustomerID

,c.CustomerKey

,c.CustomerLabel

,c.CustomerType

,c.GeographySK

,c.CompanyName as CustomerName

FROM DimCustomer\_Company c;

create view 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;

create view DimMonth\_Quota\_vw

as

SELECT YearMonth as QuotaMonthSK,

DateSK as QuotaDateSK,

FullDateAK as QuotaDate,

FullDateTimeAK,

YearID,

YearQtr,

Quarter

MonthID,

MonthAbr,

MonthOfQuarter

FROM DimDate

where DayOfMonth = 1

and YearMonth >= 201201

and YearMonth < 201501;

CREATE VIEW FactInventory\_vw

AS

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

FROM FactInventory;

CREATE VIEW 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;

CREATE VIEW 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 FactSales;

CREATE VIEW FactSalesQuota\_vw

AS

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

SalesAmountQuota\_Local

FROM FactSalesQuota;

CREATE VIEW FactStrategyPlan\_vw

AS

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

FROM FactStrategyPlan;

CREATE VIEW V\_ProductForecast

AS

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

AS SalesQuantity, SUM(S.SalesAmount) AS SalesAmount

FROM FactOnlineSales AS S INNER JOIN

DimProduct AS P ON S.ProductSK = P.ProductSK

INNER JOIN

DimDate AS D ON S.SalesDateSK= D.DateSK

Group by D.MonthID,P.ProductCategoryName