DAMG-7370

Iowa Liquor Sales Assignment -1

Business Questions

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1. Liquor sales Measures

sales $

Query:

create view "liquorSalesAll" as

select sum(saleValue) as "Liquor Sales"

from factLiquorSales ls

Gross profit (retail price –cost)

Query:

create view liquorSalesGrossProfit as

select sum(stateBottleRetailPrice - stateBottleCost) as "Gross profit"

from factLiquorSales ls

join dimItems di

on di.itemNumber = ls.itemNumber

sales volume (gallons)

Query:

create view salesVolumeGallon as

select sum(volumeGallons) as "Sales in Gallons"

from factLiquorSales ls

sales volume (bottles)

Query:

create view salesVolumeBottles as

select sum(bottlesSold) as "Sales in Bottles"

from factLiquorSales ls

Liquor Sales by time

Total

Query:

create view totalLiquorSales as

select sum(saleValue) as "Total Sales Value"

from factLiquorSales ls

Year

Query:

CREATE VIEW totalLiquorSalesByYear AS

select dd.year, sum(saleValue) as "Total Sales Value by Year"

from factLiquorSales ls

join dimDate dd

on ls.orderDateSK = dd.orderDateSK

group by dd.year

Year, Month

Query:

create view totalLiquorSalesByMonthAndYear as

select dd.year, dd.month, sum(saleValue) as "Total Sales Value by Year"

from factLiquorSales ls

join dimDate dd

on ls.orderDateSK = dd.orderDateSK

group by dd.year, dd.month

Liquor sales –by dimension

By store

Query:

create view liquorSalesByStore as

select ds.storeNumber, sum(saleValue) as "Total Sales Value by Year"

from factLiquorSales ls

join dimStore ds

on ls.storeNumber = ds.storeNumber

group by ds.storeNumber

By geo –city & county

Query:

create view SalesByGeo as

select dg.county, dg.city, sum(saleValue) as "Total Sales Value by County"

from factLiquorSales ls

join dimGeography dg

on ls.geographySK = dg.geographySK

group by dg.county, dg.city

By Category

Query:

create view salesByItem as

select ls.itemNumber, sum(saleValue) as "Total Sales Value by Items"

from factLiquorSales ls

join dimItems di

on ls.itemNumber = di.itemNumber

group by di.categoryNumber

By Item

Query:

create view salesByItem as

select ls.itemNumber, sum(saleValue) as "Total Sales Value by Items"

from factLiquorSales ls

join dimItems di

on ls.itemNumber = di.itemNumber

group by ls.itemNumber

By Vendor

Query:

create view salesByVendors as

select v.vendorNumber, sum(saleValue) as "Total Sales Value by Items"

from factLiquorSales ls

join dimItems di

on ls.itemNumber = di.itemNumber

join dimVendor v

on v.itemNumber = di.itemNumber

group by v.vendorNumber