DAMG7370: Iowa Liquor Sales – Assignment 2

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Screenshots of Queries - Business Questions

**Liquor sales by sales $**

Yearly sales including 2021 YTD :

Query:

Select dd.year as "Year", sum(saleDollars) as "Yearly Sales"

From factLiquorSales ls

Join dimDate dd

On ls.orderDateSK = dd.orderDateSK

Group By dd.year

Order By dd.year Desc;

Screenshot:

Graphical user interface, application

Description automatically generated

Top20 stores (all-time) :

Query:

Select Top 20 ds.storeNumber, ds.storeName, sum(saleDollars) as TotalSales

From factLiquorSales ls

Join dimStore ds

On ls.storeNumber = ds.storeNumber

Group By ds.storeNumber, ds.storeName  
Order By TotalSales Desc;

Screenshot:

Graphical user interface, text, application

Description automatically generated

Top 20 cities (all-time) :

Query:

Select Top 20 dg.city ,sum(saleDollars) as TotalSales

From factLiquorSales ls

Join dimStore ds

On ls.storeNumber = ds.storeNumber

Join dimGeography dg

On ds.geographySK = dg.geographySK

Group By dg.city  
Order By TotalSales Desc;

Screenshot:

Graphical user interface, text, application

Description automatically generated

Top 10 counties (all-time) :

Query:

Select Top 10 dg.county ,sum(saleDollars) as TotalSales

From factLiquorSales ls

Join dimStore ds

On ls.storeNumber = ds.storeNumber

Join dimGeography dg

On ds.geographySK = dg.geographySK

Group By dg.county  
Order By TotalSales Desc;

Screenshot:

Graphical user interface, text, application

Description automatically generated

Top 20 categories (all-time) :

Query:

Select Top 20 dc.categoryNumber, sum(saleDollars) as TotalSales

From factLiquorSales ls

Join dimItems di

On ls.itemNumber = di.itemNumber

Join dimCategory dc

On di.categorySK = dc.categorySK

Group by dc.categoryNumber  
Order By TotalSales Desc;

Screenshot:

Graphical user interface, text, application

Description automatically generated

Top 50 items (all-time) :

Query:

Select Top 50 di.itemNumber, sum(saleDollars) as TotalSales

From factLiquorSales ls

Join dimItems di

On ls.itemNumber = di.itemNumber

Group By di.itemNumber  
Order By TotalSales Desc;

Screenshot:

Graphical user interface, application

Description automatically generated

Top 20 vendor (all-time) :

Query:

Select Top 20 di.vendorSK, sum(saleDollars) as TotalSales

From factLiquorSales ls

Join dimItems di

On ls.itemNumber = di.itemNumber

Join dimVendor dv

On di.vendorSK = dv.vendorSK

Group by di.vendorSK

Order by TotalSales Desc;

Screenshot:

Graphical user interface, text, application

Description automatically generated