Report 4 – \_Outdoor Furniture on Groundhog Day

Get list of Years

For each *Year*:

Display *Year*

Find start Date and end **Date** of year from stored **Date**

Find the **Quantity**, **Product** **PID**, **Category Name** stored in **Sales** for the date range

Filter the Sales data based on outdoor furniture product **Category**

Calculate *Total Units Sold in Year* = Sum of **Sales** **Quantity** for all **PID** for each **Date**

Display *Total Units Sold in Year*

Calculate *Avg. Units Sold per Day* = Total Sales/365

Display *Avg. Units Sold per Day*

Get Feb 2nd as **Date** store in **Date** for the Year

Change start Date and end Date to Feb 2nd

Find the **Quantity**, **Product** **PID**, **Category** **Name** stored in **Sales** for the date range

Filter the **Sales** data based on outdoor furniture product **Category Name**

Calculate *Units Sold on Ground Hog Day* = Sum of **Sales Quantity** for all PID for the **Date**

Display *Units Sold on Ground Hog Day*

After iterating for all listed years:

Sort the output display by ascending Order of *Year*

Report 8 – \_Restaurant Impact on Category Sales

Get **Quantity**, **Product** **PID**, **Category Name, Store Restaurant** stored in **Sales**

Filter out the sales data where **PID** is not present

Combine the data set based on **Category Name**

For every **Category Name**:

Display **Name**

Classify each **Store** within **Category** based on **Restaurant** value

Filter **Restaurant** = Y

Display Store Type *= Restaurant*

Sum all **Quantity** sold across **Store**

Display as *Quantity Sold*

Filter **Restaurant** = N

Display Store Type *= Non-restaurant*

Sum all **Quantity** sold across **Store**

Display as *Quantity Sold*

Repeat the step until all Categories completed

Arrange the report with ascending order of **Category Name**