**DAX CALCULATED COLUMNS**

In the DATA view, add the calculated column named “Name of Day” in the Calendar table.

Name of Day = FORMAT('Calendar'[date], "dddd")

1) In the DATA view, add the following calculated columns: In the Calendar table, add a column named "Weekend"

Equals "Y" for Saturdays or Sundays (otherwise "N")

Weekend = IF('Calendar'[Name of Day] = "Saturday" || 'Calendar'[Name of Day] = "Sunday", "Y", "N")

2) In the Calendar table, add a column named "End of Month" Returns the last date of the current month for each row

End Of Month = EOMONTH('Calendar'[date],0)

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3) In the Customers table, add a column named "Current Age" Calculates current customer ages using the "birthdate" column and the TODAY() function

Current Age = DATEDIFF(Customers[birthdate], TODAY(), YEAR)

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4) In the Customers table, add a column named "Priority" Equals "High" for customers who own homes and have Golden membership cards (otherwise "Standard")

Priority = IF(Customers[member\_card] = "Golden" && Customers[homeowner] = "Y", "High", "Standard")

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5) In the Customers table, add a column named "Short\_Country" Returns the first three characters of the customer country, and converts to all uppercase

Short\_Country = UPPER(LEFT(Customers[customer\_country], 3))

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6) In the Customers table, add a column named "House Number" Extracts all characters/numbers before the first space in the "customer\_address" column

House\_Number = LEFT(Customers[customer\_address], SEARCH(" ", Customers[customer\_address]) -1)

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7) In the Products table, add a column named "Price\_Tier" Equals "High" if the retail price is >$3, "Mid" if the retail price is >$1, and "Low" otherwise

Price\_Tier = SWITCH(TRUE(), Products[product\_retail\_price] > 3, "High", Products[product\_retail\_price] > 1, "Mid", "Low")

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8) In the Stores table, add a column named "Years\_Since\_Remodel" Calculates the number of years between the current date (TODAY()) and the last remodel date

Years\_Since\_Remodel = DATEDIFF(Stores[last\_remodel\_date], TODAY(), YEAR)