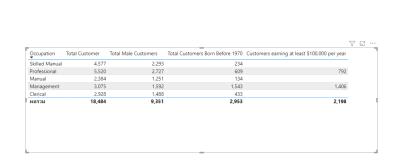
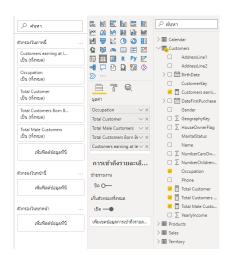
<u>Lab Lecture 9 - Data Analytic Expression (DAX)</u>

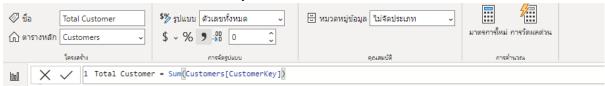
DAX: CALCULATE()

- One table





สร้าง [Total Customer] เพื่อสรุปจำนวนของ Customer ทั้งหมด



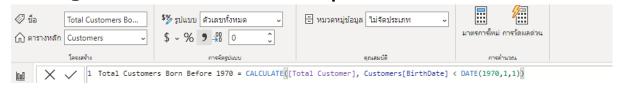
Total Customer = COUNT(Customers[CustomerKey])

• [Total Male Customers], for each occupation



Total Male Customers = CALCULATE([Total Customer], Customers[Gender] = "M")

 [Total Customers Born Before 1970], use DATE() function for creating date reference, for each occupation



Total Customers Born Before 1970 = CALCULATE([Total Customer], Customers[BirthDate]
< DATE(1970,1,1))</pre>

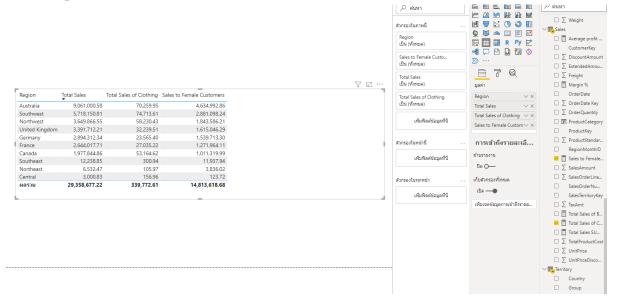
[Customers earning at least \$100,000 per year], for each occupation



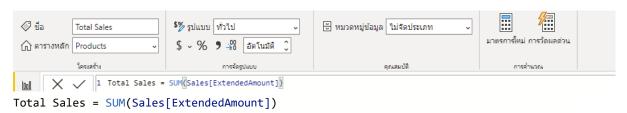
Customers earning at least \$100,000 per year = CALCULATE([Total Customer], Customers[YearlyIncome] >= 100000)

- Multiple table

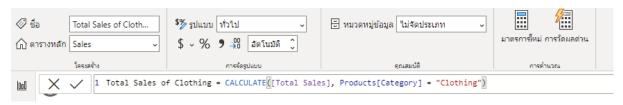
Use Region as Row Header



[Total Sales] as a reference, not use CALCULATE



• [Total Sales of Clothing], for Region



Total Sales of Clothing = CALCULATE([Total Sales], Products[Category] = "Clothing")

• [Sales to Female Customers]



Sales to Female Customers = CALCULATE([Total Sales] , Customers[Gender] = "F")