# **Text and Numeric Fields:**

1.) **Create State City Field:** Concatenate City and State into one Field: CONCAT(City, "-", State) 2.) **Abbreviated Product:** Create a field which transforms the Product's name reducing common fields to abbreviation Men's-M, Women's-W, Footwear-F: REPLACE(REPLACE(Product, "Men's", 'M'), "Women's", 'W'), 'Footwear', 'F') 3.) **Cost & Cost Per Unit:** Create total cost and cost per unit fields: Cost: Total Sales - Operating Profit Cost per Unit: Cost/Units Sold 4.) Average Cost: Create an average cost pre-aggregated field:

Total Sales - Operating Profit

# **Conditional and Date Functions:**

1.)

### Seasons:

Create a field which identifies the season (Summer, Winter, Spring And Autumn) a sale has taken place

# CASE Months WHEN 1 THEN "Winter" WHEN 2 THEN "Winter" WHEN 3 THEN "Spring" WHEN 4 THEN 'Spring' WHEN 5 THEN 'Spring' WHEN 6 THEN 'Summer' WHEN 7 THEN 'Summer' WHEN 8 THEN 'Summer' WHEN 9 THEN 'Autumn' WHEN 10 THEN 'Autumn' WHEN 11 THEN 'Autumn' WHEN 12 THEN 'Winter' END

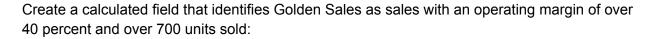
2.)

# Day of Week:

Create a day of the week with a 3 letter format

```
CASE Days
WHEN 1 THEN 'Mon'
WHEN 2 THEN 'Tues'
WHEN 3 THEN 'Wed'
WHEN 4 THEN 'Thurs'
WHEN 5 THEN 'Fri'
WHEN 6 THEN 'Sat'
WHEN 7 THEN 'Sun'
END
```

### **Golden Sales:**



IF (Units Sold > 700, IF (Operating Margin > 0.40, "Yes", "No"), "No")

4.)

### Month Year:

Create a calculated fields to show the Month and Year where a sale was made:

CONCAT(Months, "-", Years)

Groups and Bins:

1.)

# Sales Value Bin:

Create a field that holds 5 bins driven by the Sales Value fields:

2.)

# **Product Groups:**

Group 1 - footwear, apparel and athletic

Group 2 - Sales Gender - Male or Female