**Module 10: Calculated Field 1**

**Name Field: Dynamic grouping/ungrouping**

IF [Sub-Category] = 'Bookcases' OR [Sub-Category] = 'Chairs'

OR [Sub-Category] = 'Furnishings' OR [Sub-Category] = 'Tables'

THEN IF [Group & Ungroup] = 'Group' THEN 'Furniture' ELSE [Sub-Category]

END

ELSEIF [Sub-Category] = 'Appliances' OR [Sub-Category] = 'Art'

OR [Sub-Category] = 'Binders' OR [Sub-Category] = 'Envelopes'

OR [Sub-Category] = 'Fasteners' OR [Sub-Category] = 'Labels'

OR [Sub-Category] = 'Paper' OR [Sub-Category] = 'Storage'

OR [Sub-Category] = 'Supplies' THEN

IF [Group & Ungroup] = 'Group' THEN

'Office Supplies' ELSE [Sub-Category]

END

ELSEIF [Sub-Category] = 'Accessories' OR [Sub-Category] = 'Copiers'

OR [Sub-Category] = 'Machines' OR [Sub-Category] = 'Phones'

THEN IF [Group & Ungroup] = 'Group' THEN

'Technology' ELSE [Sub-Category]

END

ELSE

[Sub-Category]

END

**Module 10: Calculated Field 2**

**Name Field: Correlation Coefficient**

1/(SIZE()-1) \* WINDOW\_SUM(((SUM([Profit])-WINDOW\_AVG(SUM([Profit]))) /

WINDOW\_STDEV(SUM([Profit]))) \* (SUM([Sales])-WINDOW\_AVG(SUM([Sales]))) /

WINDOW\_STDEV(SUM([Sales])))