Calculations

* LO\_FY

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]

* LO\_FY\_Calc1

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":ACT\_VER1]\*-1,

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":ACT\_VER1]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE],

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":ACT\_VER1]

)

)

* LO\_FY\_Calc2

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":BUD\_VER1]\*-1,

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":BUD\_VER1]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE],

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":BUD\_VER1]

)

)

* LO\_FY\_Calc3

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

[#vs\_LO\_FY]\*-1,

IF(ISNULL([#vs\_LO\_FY]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE],

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-[#vs\_LO\_FY]

)

)

* LO\_QTR\_Calc1

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]

* LO\_QTR\_Calc2

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

[#vs\_LO\_QTR]\*-1,

IF(ISNULL([#vs\_LO\_QTR]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE],

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-[#vs\_LO\_QTR]

)

)

* LO\_Per\_QTR\_Calc2

IF((["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]=0 OR ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE])) AND ([#vs\_LO\_QTR]=0 OR ISNULL([#vs\_LO\_QTR])),

null,

IF(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]=0 OR ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

-1,

IF([#vs\_LO\_QTR]=0 OR ISNULL([#vs\_LO\_QTR]),

1,

(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-[#vs\_LO\_QTR])/[#vs\_LO\_QTR]

)

)

)

* LO\_Mth\_Calc1

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]

* LO\_Mth\_Calc2

IF(ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

[#vs\_LO\_Mth]\*-1,

IF(ISNULL([#vs\_LO\_Mth]),

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE],

["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-[#vs\_LO\_Mth]

)

)

* LO\_Per\_Mth\_Calc2

IF((["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]=0 OR ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE])) AND ([#vs\_LO\_Mth]=0 OR ISNULL([#vs\_LO\_Mth])),

null,

IF(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]=0 OR ISNULL(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]),

-1,

IF([#vs\_LO\_Mth]=0 OR ISNULL([#vs\_LO\_Mth]),

1,

(["V\_TD\_PRED\_SALES\_SMART\_GX\_FC\_PIVOT":VALUE]-[#vs\_LO\_Mth])/[#vs\_LO\_Mth]

)

)

)

5Y\_FY

* \_CY

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER5\_CY]

* \_CY1

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER5\_CY1]

* \_CY2

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER5\_CY2]

* \_CY3

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER5\_CY3]

* \_PY

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER5\_PY]

* CALC\_CAGR

IF(([#\_PY]=0 AND [#\_CY3]=0) OR (ISNULL([#\_PY]) AND ISNULL([#\_CY3])),

NULL,

IF([#\_PY]=0 OR ISNULL([#\_PY]),

-1,

IF([#\_CY3]=0 OR ISNULL([#\_CY3]),

1,

IF([#\_PY]<0,

-1.0\*(POWER([#\_CY3]/abs([#\_PY]),

0.25)-1),

IF([#\_CY3]<0,

-1.0\*(POWER(abs([#\_CY3])/[#\_PY],

0.25)-1),

POWER([#\_CY3]/[#\_PY],

0.25)-1)))))

* CY\_VS\_PY

IF([@VAR\_VS\_5Y\_FY]=99,

IF(ISNULL([#\_CY]),

[#\_PY]\*-1,

IF(ISNULL([#\_PY]),

[#\_CY],

[#\_CY]-[#\_PY]

)

),

IF(ISNULL([#\_CY]),

[#Y\_CY]\*-1,

IF(ISNULL([#Y\_CY]),

[#\_CY],

([#\_CY])-([#Y\_CY])

)

)

)

* CY\_VS\_PY%

IF([@VAR\_VS\_5Y\_FY]=99,

IF(([#\_CY]=0 OR ISNULL([#\_CY])) AND ([#\_PY]=0 OR ISNULL([#\_PY])),

null,

IF([#\_CY]=0 OR ISNULL([#\_CY]),

-1,

IF([#\_PY]=0 OR ISNULL([#\_PY]),

1,

([#\_CY]/[#\_PY])-1

)

)

),

IF(([#\_CY]=0 OR ISNULL([#\_CY])) AND ([#Y\_CY]=0 OR ISNULL([#Y\_CY])),

null,

IF([#\_CY]=0 OR ISNULL([#\_CY]),

-1,

IF([#Y\_CY]=0 OR ISNULL([#Y\_CY]),

1,

([#\_CY]/[#Y\_CY])-1

)

)

)

)

* CY1\_VS\_CY

IF([@VAR\_VS\_5Y\_FY]=99,

IF(ISNULL([#\_CY1]),

[#\_CY]\*-1,

IF(ISNULL([#\_CY]),

[#\_CY1],

[#\_CY1]-[#\_CY]

)

),

IF(ISNULL([#\_CY1]),

[#Y\_CY1]\*-1,

IF(ISNULL([#Y\_CY1]),

[#\_CY1],

([#\_CY1])-([#Y\_CY1])

)

)

)

* CY1\_VS\_CY%

IF([@VAR\_VS\_5Y\_FY]=99,

IF(([#\_CY1]=0 OR ISNULL([#\_CY1])) AND ([#\_CY]=0 OR ISNULL([#\_CY])),

null,

IF([#\_CY1]=0 OR ISNULL([#\_CY1]),

-1,

IF([#\_CY]=0 OR ISNULL([#\_CY]),

1,

([#\_CY1]/[#\_CY])-1

)

)

),

IF(([#\_CY1]=0 OR ISNULL([#\_CY1])) AND ([#Y\_CY1]=0 OR ISNULL([#Y\_CY1])),

null,

IF([#\_CY1]=0 OR ISNULL([#\_CY1]),

-1,

IF([#Y\_CY1]=0 OR ISNULL([#Y\_CY1]),

1,

([#\_CY1]/[#Y\_CY1])-1

)

)

)

)

* CY2\_VS\_CY1

IF([@VAR\_VS\_5Y\_FY]=99,

IF(ISNULL([#\_CY2]),

[#\_CY1]\*-1,

IF(ISNULL([#\_CY1]),

[#\_CY2],

[#\_CY2]-[#\_CY1]

)

),

IF(ISNULL([#\_CY2]),

[#Y\_CY2]\*-1,

IF(ISNULL([#Y\_CY2]),

[#\_CY2],

([#\_CY2])-([#Y\_CY2])

)

)

)

* CY2\_VS\_CY1%

IF([@VAR\_VS\_5Y\_FY]=99,

IF(([#\_CY2]=0 OR ISNULL([#\_CY2])) AND ([#\_CY1]=0 OR ISNULL([#\_CY1])),

null,

IF([#\_CY2]=0 OR ISNULL([#\_CY2]),

-1,

IF([#\_CY1]=0 OR ISNULL([#\_CY1]),

1,

([#\_CY2]/[#\_CY1])-1

)

)

),

IF(([#\_CY2]=0 OR ISNULL([#\_CY2])) AND ([#Y\_CY2]=0 OR ISNULL([#Y\_CY2])),

null,

IF([#\_CY2]=0 OR ISNULL([#\_CY2]),

-1,

IF([#Y\_CY2]=0 OR ISNULL([#Y\_CY2]),

1,

([#\_CY2]/[#Y\_CY2])-1

)

)

)

* CY3\_VS\_CY2

IF([@VAR\_VS\_5Y\_FY]=99,

IF(ISNULL([#\_CY3]),

[#\_CY2]\*-1,

IF(ISNULL([#\_CY2]),

[#\_CY3],

[#\_CY3]-[#\_CY2]

)

),

IF(ISNULL([#\_CY3]),

[#Y\_CY3]\*-1,

IF(ISNULL([#Y\_CY3]),

[#\_CY3],

([#\_CY3])-([#Y\_CY3])

)

)

)

* CY3\_VS\_CY2%

IF([@VAR\_VS\_5Y\_FY]=99,

IF(([#\_CY3]=0 OR ISNULL([#\_CY3])) AND ([#\_CY2]=0 OR ISNULL([#\_CY2])),

null,

IF([#\_CY3]=0 OR ISNULL([#\_CY3]),

-1,

IF([#\_CY2]=0 OR ISNULL([#\_CY2]),

1,

([#\_CY3]/[#\_CY2])-1

)

)

),

IF(([#\_CY3]=0 OR ISNULL([#\_CY3])) AND ([#Y\_CY3]=0 OR ISNULL([#Y\_CY3])),

null,

IF([#\_CY3]=0 OR ISNULL([#\_CY3]),

-1,

IF([#Y\_CY3]=0 OR ISNULL([#Y\_CY3]),

1,

([#\_CY3]/[#Y\_CY3])-1

)

)

)

)

* Y\_CY

IF([@VAR\_5Y\_FY\_Vers\_Key]="1",

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER1\_CY],

IF([@VAR\_5Y\_FY\_Vers\_Key]="2",

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER2\_CY],

IF([@VAR\_5Y\_FY\_Vers\_Key]="3",

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER3\_CY],

IF([@VAR\_5Y\_FY\_Vers\_Key]="4",

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER4\_CY],

["PLAI\_V\_TD\_PRED\_SALES\_V\_TD\_SKU\_GX\_SMART\_5Y\_PIVOT\_NEW":AI\_PULSE\_VER5\_CY]

)

)

)

)