SSAS Tabular Modeling Chapter 10 Code

B05662 Derek Wilson

=SUMMARIZE(CRASH\_DATA\_T,CRASH\_DATA\_T[CRASH\_DATE])

=CALENDAR(“1/1/2006”,”1/10/2006”)

=YEAR(Calc\_Date\_T[CRASH\_DATE])

=MONTH(Calc\_Date\_T[CRASH\_DATE])

=FORMAT(Calc\_Date\_T[CRASH\_DATE],”MMM”)

Current\_DateTime:=NOW()

=Current\_Date:=TODAY()

Min\_Crash\_Date:=MIN(Calc\_Date\_T[CRASH\_DATE])

Years\_Since\_First\_Accident:=DATEDIFF(

[Min\_Crash\_Date],TODAY(), YEAR)

Months\_Since\_First\_Accident:=

DATEDIFF([Min\_Crash\_Date], TODAY(), MONTH)

DayofWeek:=WEEKDAY(“1/1/2016”)

DayofWeekName:=FORMAT(WEEKDAY(“1/1/2016”),”DDDD”)

Friday\_Crashes:=CALCULATE(COUNT(CRASH\_DATE\_T[CASENUMBER]),

WEEKDAY(CRASH\_DATA\_T[CRASH\_DATE])=6)

Tuesday\_Crashes:=CALCULATE(COUNT(CRASH\_DATE\_T[CASENUMBER]),

WEEKDAY(CRASH\_DATA\_T[CRASH\_DATE])=3)

First\_Accident:=FIRSTDATE(Calc\_Date\_T[CRASH\_DATE])

First\_Accident\_Blowing\_Sand:=CALCULATE (

FIRSTDATE(CRASH\_DATA\_T[CRASH\_DATE],

FILTER(WEATHER\_T,[WEATHER\_CONDITION]=”Blowing Sand”))

ParallelPeriod:=CALCULATE(

COUNT(CRASH\_DATA\_T[CASENUMBER]),

PARALLELPERIOD(Calc\_Date\_T[CRASH\_DATE],

-1,YEAR))

YOY\_Growth:=([Records]-[ParallelPeriod])/[ParallelPeriod]

YOY\_Growth\_New:= IF([ParallelPeriod],

([Records]- [ParallelPeriod])/[ParallelPeriod],BLANK())

OpeningMonth:=OPENINGBALANCEMONTH( COUNT

(CRASH\_DATA\_T[CASE\_NUMBER]),

Calc\_Date\_T[CRASH\_DATE])

OpeningYear:=OPENINGBALANCEYEAR( COUNT

(CRASH\_DATA\_T[CASE\_NUMBER]),

Calc\_Date\_T[CRASH\_DATE])

ClosingMonth:=CLOSINGBALANCEMONTH( COUNT

(CRASH\_DATA\_T[CASE\_NUMBER]),

Calc\_Date\_T[CRASH\_DATE])

ClosingYear:=CLOSINGBALANCEYEAR( COUNT

(CRASH\_DATA\_T[CASE\_NUMBER]),

Calc\_Date\_T[CRASH\_DATE])

YTDTotals:=TOTALYTD( COUNT

(CRASH\_DATA\_T[CASE\_NUMBER]),

Calc\_Date\_T[CRASH\_DATE])