Power BI - Advanced DAX - Time Intelligence - Lecture 23

TIME INTELLIGENCE

Time Intelligence patterns are used to calculate common date-based comparisons

Performance To-Date

=CALCULATE(Measure, DATESYTD(Calendar[Date]))

Use DATESYTD for Years, DATESQTD for Quarters, DATESMTD for Months.

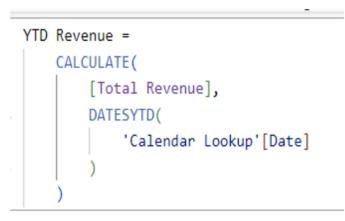
Previous Period =CALCULATE(Measure, DATEADD(Calendar[Date], -1, MONTH))

Select an interval (DAY, MONTH, QUARTER, or YEAR) and the # of intervals to compare (e.g. previous month, rolling 10-day)

Running Total =CALCULATE(Measure, DATESINPERIOD(Calendar[Date], MAX(Calendar[Date]), -10, DAY))

PRO TIP:

To calculate a moving average, use the running total calculation above and divide by the number of intervals



Rows			
Date	×		
Year	X	>	
Month	×		
+Add data			

Columns

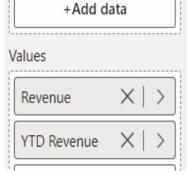
		1 Ψ	ΨY
Year	Total Revenue	YTD Revenue	
□ 2020	\$64,04,934	\$64,04,934	
∃ January	\$5,85,313	\$5,85,313	
	\$5,32,226	\$11,17,539	
March	\$6,43,436	\$17,60,975	
⊕ April	\$6,53,364	\$24,14,339	
	\$6,59,326	\$30,73,665	
∃ June	\$6,69,989	\$37,43,654	
∃ July	\$4,86,115	\$42,29,769	
	\$5,36,453	\$47,66,221	
	\$3,44,063	\$51,10,284	
⊕ October	\$4,04,277	\$55,14,561	
	\$3,26,611	\$58,41,172	

\$5,63,762

\$2,49,14,587

\$64,04,934

\$91,85,449



DATESQTD, DATESMTD

December

Total

Profit

Total Orders.