# Quick Start Card BI Office Create Custom Calculations

In BI Office Data Discovery, users can build **custom measures** which are calculations written in MDX that can be used to derive values from anywhere within the query. With the custom measures wizard it is easy to define basic metrics and measure definitions without writing MDX.

## Open the Model



#### Create a Custom Measure

Name the	_	*		Measure Wizard ? 🗙	
measure.		Name: Description:	Profit		
Select the <b>Formula</b>		Format:	No Formatting 🔻		
Туре.		For	mula Type:	Choose Measures And Click Next:	Determine
		X/Y (Ratio)			the left and
		X-Y (Subtractio	n)		maasuras
		X+Y (Addition)			of the
		(X-Y)/X (Perce	ntage Change)	III Sales V - II COGS V	equation
		(X-Y)/Y (Perce	ntage Markup)		equation
				Next Close	
				Select <b>Next</b> .	



### Edit and Create

Choose to either save it in a **Private** or **Public** folder, then select the **Text MDX** button to test the calculation.

4 Custom Member	r ?
Member Name: Profit Description:	Create Test MDX Close

Notice the green check mark indicates that the query has **passed**.



# Set Role Rights

See the custom

calculation

report.

appear in the



Create Custom Calculations

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Sales, COGS and Profit by Month Dates (Date) on rows

\$558,010,158 \$424,958,277 \$133,051,880.96

Choose who can **Read** or **Edit** the new Custom Calculation in the **Selected** folder. Click **OK**.

On the **Custom Set** editor click **Create**.

Test

Under the **Elements** pane, navigate to the **Custom Elements** folder, then **Public**. Notice the **new** custom calculation here, CTRL click to select it.





Run the query.

 600 M
 550 M

 550 M
 500 M

 450 M
 500 M

 450 M
 500 M

 350 M
 500 M

 350 M
 500 M

 350 M
 500 M

 300 M
 500 M

 250 M
 500 M

 100 M
 All Dates



