

Creating New PivotTable Values



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Creating New Values Using Formulas



Create a calculated field

Also known as a measure

For example

- $\text{Price} * 0.8$

More complex calculations can use the Data Model and DAX

$\text{Gross Profit} = \text{Price} * 80\%$

Simple Gross Profit Calculation

Use a simple calculated field

- Calculated field can be used because the formula references a value (Price)



Demo



Creating new simple calculated field



```
Net Profit = SUMX ( Sales20172019, Sales20172019[Price] *  
SWITCH (Sales20172019[City], "New York", 0.2,  
"Houston", 0.3,  
"Los Angeles", 0.25,  
0.35 ) )
```

Simple Net Profit Calculation

Use a DAX Measure

- A DAX measure needs to be used with a value label (City)
- The data needs to reside in the Data Model

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Demo



Creating a DAX measure



Review - Creating New Values Using Formulas



Create a calculated field

For example

- Price * 0.8

More complex calculations can use the Data Model (PowerPivot) and DAX

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