


The Power of Data Functions

In a pivot chart, a FACT (a number that you would want to total) could be used many times and have significantly different meanings, by changing the underlying data function. See below. All the columns of data are generated from the Unit Sales values.

	Total Unit Sales	Average Sales	Num of Sales Records	Maximum Sale	Minimum Sale
Franchise	537,202	355	1,512	1,553	28
Online	719,390	1,249	576	4,500	276
Superstore	1,336,642	371	3,601	1,237	102



Outliner

Side Labels: Store Type

Top Labels: Drag columns here to create top labels

Facts: Total Unit Sales ♦ Average Sales ♦
Num of Sales Records ♦ Maximum Sale ♦

Steps:

1. Drag from the catalog section the fact, in this case Unit Sales, 5 times to the Fact area of the outliner.
2. Select the second through fifth column, one at a time and change the underlying data function by right clicking for speed menu > Data Function > then Chose one of the functions. I selected Average, Count, Maximum, then finally Minimum.
3. Then change the data labels so they are more meaningful. To change the data label, double click on it.
4. Remember to have this Pivot be meaningful you have to be using the Underlying Values. Select Pivot and check that Use Surface values is **not** selected. If you do have Surface values selected, the above table would look like the following:

	Total Unit Sales	Average Sales	Num of Sales Records	Maximum Sale	Minimum Sale
Franchise	537,202	537,202	1	537,202	537,202
Online	719,390	719,390	1	719,390	719,390
Superstore	1,336,642	1,336,642	1	1,336,642	1,336,642

Cabri Ltd. is a training company, distinguished by our in-depth knowledge of data warehouse query tools and industry insight. We specialize in product training, installation and custom course development for communication, manufacturing, e-business and public agency clients. Our focus is providing customers with innovative solutions and "value-added" approaches for training and product implementation.

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