

Vlookup in Textbox - Step By Step

Playing recently with many functions I have found out a way to get a value from a table based on two fields. This solution will work like Excel INDEX/MATCH/MATCH with hard coded vertical dimension and dynamic horizontal dimension.

Very useful when you have large data set but want to return only one value per category

Data Model

(Copy and Pasted below code into Edit Script window and reload)

t1:

```
Load * inline [
```

```
  Helptext, Name, City, Salary ,Sales
```

```
  Block, Bob, Warsaw, 100, 25
```

```
  Color, John Doe, Budapest, 200, 358
```

```
  Topics, Jenny, London, 300, 400
```

```
  Font, Curt, Cair, 400, 800
```

```
  Data ,Martin, Madrit, 500, 1500
```

```
  Group ,Mirek, Mins, 600, 200
```

```
  Total ,Stan ,Utah, 700, 158
```

```
]
```

```
;
```

t2:

```
load * inline [
```

```
  Category
```

```
  Helptext
```

```
  Name
```

```
  City,
```

```
  Salary,
```

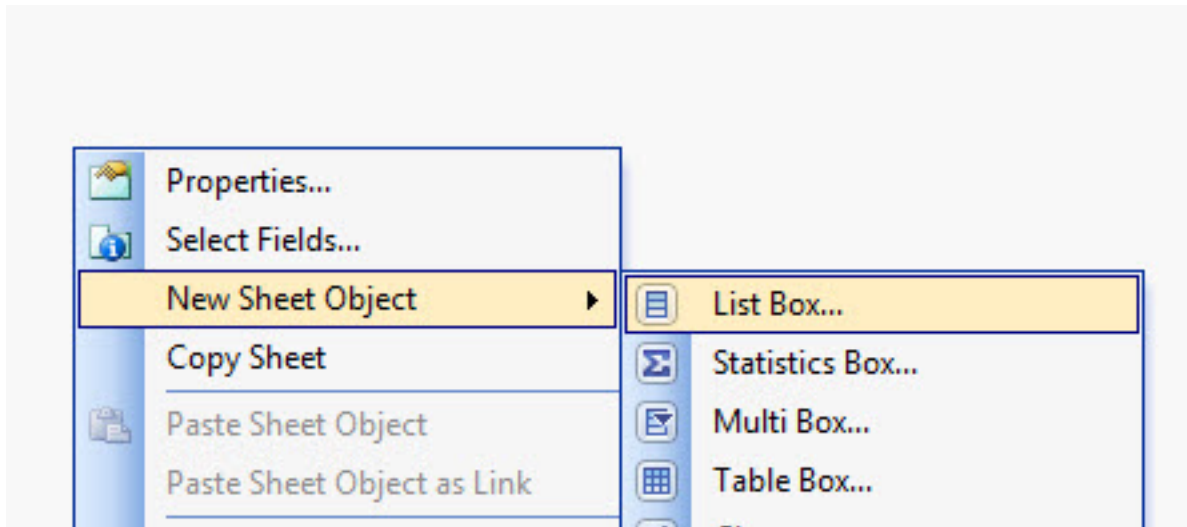
```
  Sales
```

```
]
```

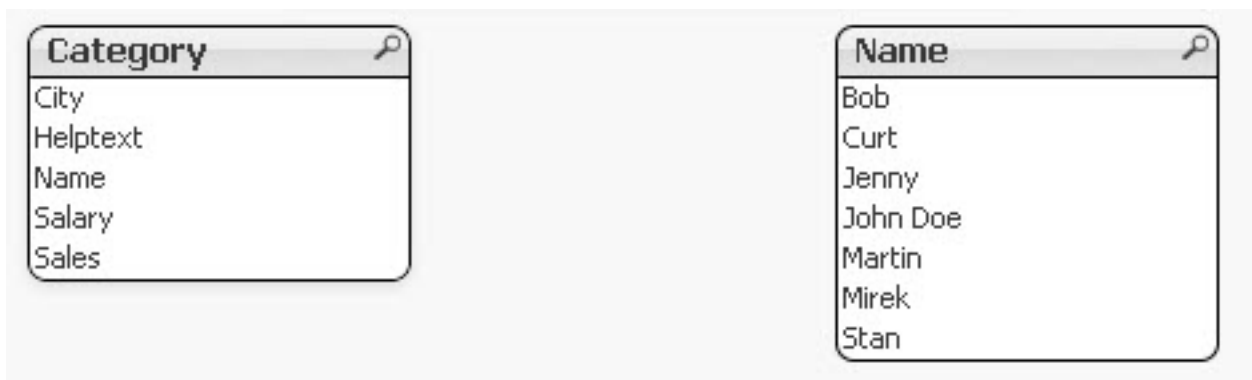
First table is our **Data Table** the second works as **Headers** of the dimensions.

Create two *ListBoxes*:

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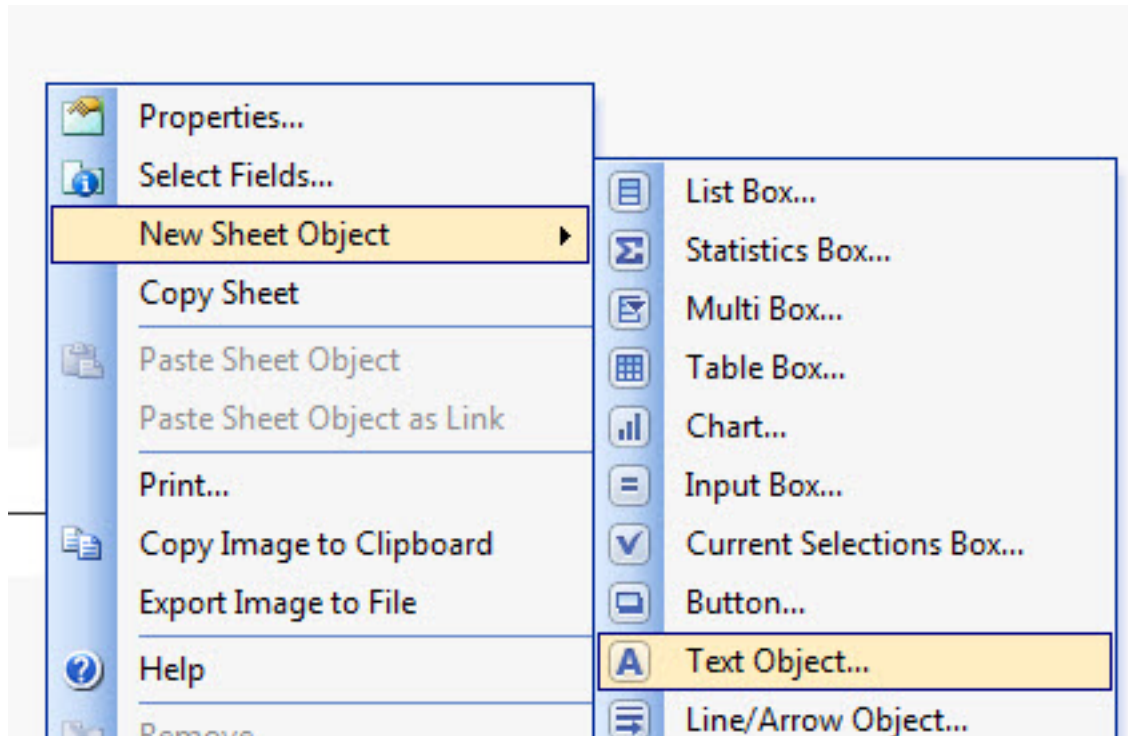


'Category' and 'Name'



create *Textobject*.

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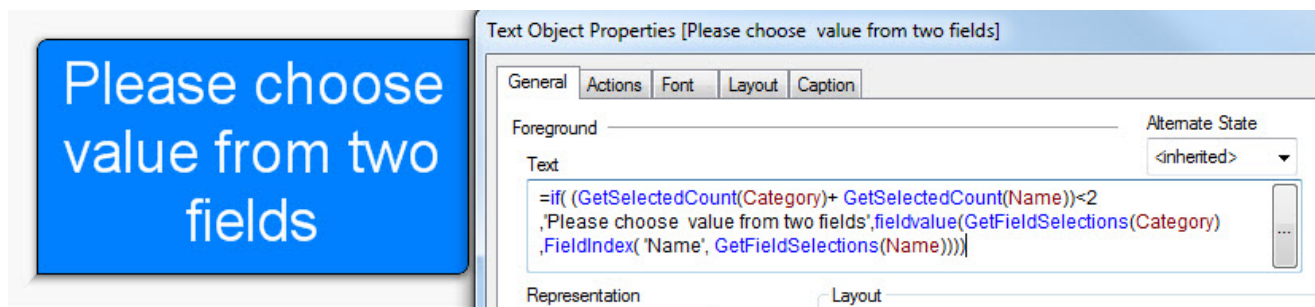


and add this expression into *Text* window:

```
=if( (GetSelectedCount(Category)+ GetSelectedCount(Name))<2  
, 'Please choose value from two fields', fieldvalue(GetFieldSelections(Category)  
, FieldIndex( 'Name', GetFieldSelections(Name))))
```

Press **'OK'**

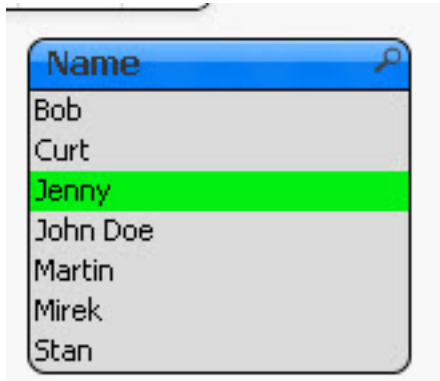
Your result should be similar to this:



What's does the formula do:

GetFieldSelections(Name) - is returning value (Name) from the Name field 'Jenny'
Let say we have choose Jenny

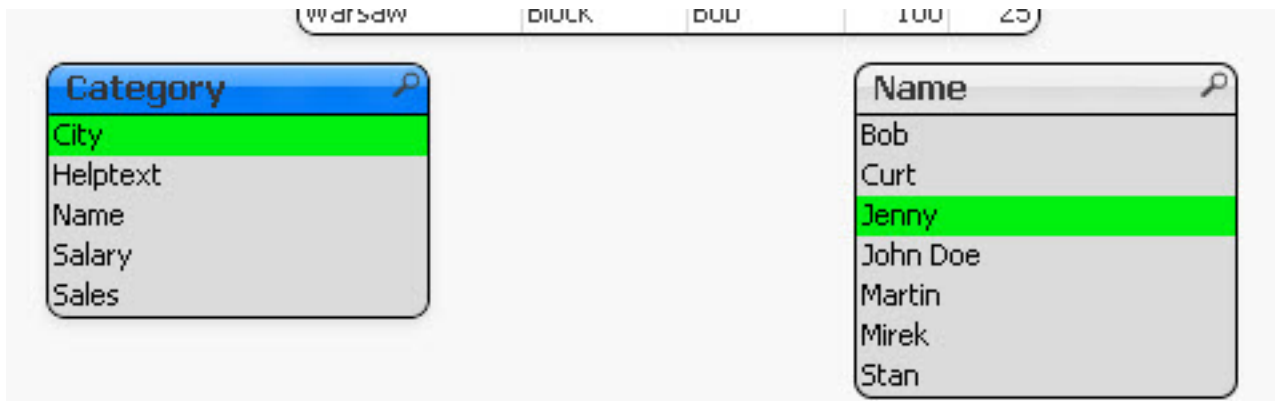
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FieldIndex('Name', GetFieldSelections(Name)) will return position of Jenny in the Name field
=

FieldIndex('Name', GetFieldSelections(Jenny)) = 3

GetFieldSelections(Category) this will return value from Category Field = 'City'

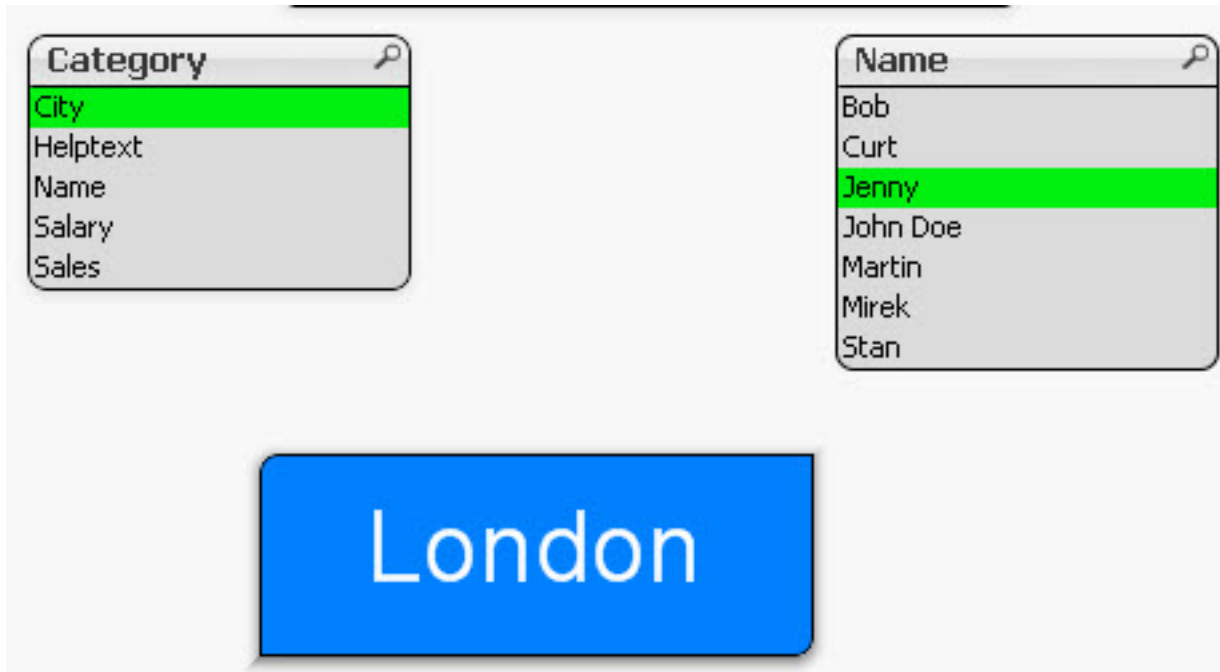


fieldvalue(GetFieldSelections(Category) ,FieldIndex('Name', GetFieldSelections(Name)))
=

fieldvalue(GetFieldSelections('City') ,FieldIndex('Name', GetFieldSelections('Jenny')))

=
London

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which we can check in straight table:

City	Helptext	Name	Salary	Sales
Budapest	Color	John Doe	200	358
Cair	Font	Curt	400	800
London	Topics	Jenny	300	400
Madrit	Data	Martin	500	1500
Mins	Group	Mirek	600	200
Utah	Total	Stan	700	158
Warsaw	Block	Bob	100	25

The rest of the code is a wrapper which will ensure that only when value from two fields are chosen the result will be displayed.