

If you've just created a workbook called **Four legs good**, open this up; otherwise, you'll need to create a new data model. You may first need to run the script in the above folder to generate the MAM database (not for commercial use or copying).

The aim of this exercise is to create the following pivot table:

Relative to South	Column				
Row Labels	East	North	South	West	Grand Total
Amphibian	1.84 %	7.77 %	7.70 %	3.88 %	21.19 %
Bird	6.31 %	28.02 %	26.76 %	13.57 %	74.67 %
Mammal	8.95 %	40.20 %	38.27 %	19.62 %	107.04 %
Reptile	6.30 %	27.70 %	27.27 %	13.33 %	74.59 %
<b>Grand Total</b>	<b>23.41 %</b>	<b>103.69 %</b>	<b>100.00 %</b>	<b>50.39 %</b>	<b>277.49 %</b>

Each percentage shows the ratio of sales for the current filter context to total sales for the **South** quadrant.

*It makes sense that the selected figure should be the only one to be exactly 100%, as this is the only cell containing total sales for the **South** quadrant.*

To get this to work, the first thing you should do is to create a new calculated column in the transactions table, using the **RELATED** function:

Price	Quantity	Quadrant
12.45	1	East
12.45	1	East
12.45	1	West
12.45	1	South

*Get the quadrant to appear for each transaction.*

You should now be able to create and display the percentage share measure:

[-] Quadrant

☒ QuadrantName

[-] Species


☒ SpeciesName

[-] Transaction

☐ Price

☐ Quadrant

☐ Quantity

☒ Relative to South 

*To get this to work, use **ALL** to refer to all of the transactions, then filter this to show only those for which the quadrant is **South**.*

When you've got this working, save this workbook as **Enough Orwellia**, and close it down.