

## Conditional Columns Part 2

<<cc\_ denotes a conditional column in a table.

### Conditional Column based on Column Data

In some cases you may want to include or exclude columns in a table depending on the contents of the column.

#### Example 1

First Name	Last Name	City	Post Code
Paul	Thomas	Perth	6000
Chris	Howard	Sydney	2000
Sue	Richards	Perth	6000

In this example we only want to display the Middle Name column if at least one customer has a middle name. To achieve this, we need to check each middle name value.

First, we create a new variable called mNamesExist and set this to False. We then loop through our customers list and check if a middle name exists for any customer, if it does we set mNamesExist to True. We can then conditionally display the Middle Name column based on this variable.

## Example 2

Product	Product ID	Quantity	Price
Apple	AP	100	\$0.50
Orange	OR	150	\$0.60
Bannana	BA	100	\$0.70
Total:			\$1.80

In this example we only want to display the Discount column if at least one value exists for discount. To achieve this, we add together the value of discount and make the column conditional based on this total. This approach is useful if you also want to display a total value at the end of the column.

First, we create a new variable to store the total value of all the discounts. We then loop through our products list and add the value of each discount to the total. We use the `ifBlank()` method to convert the value of discount to 0 if it's null or blank. We can then conditionally display the Discount column based on the value of this total.