

Oracle BI 11g Reports and Dashboards

# Column Properties

**PEAK**  
indicators

# Column Properties

## *Agenda*

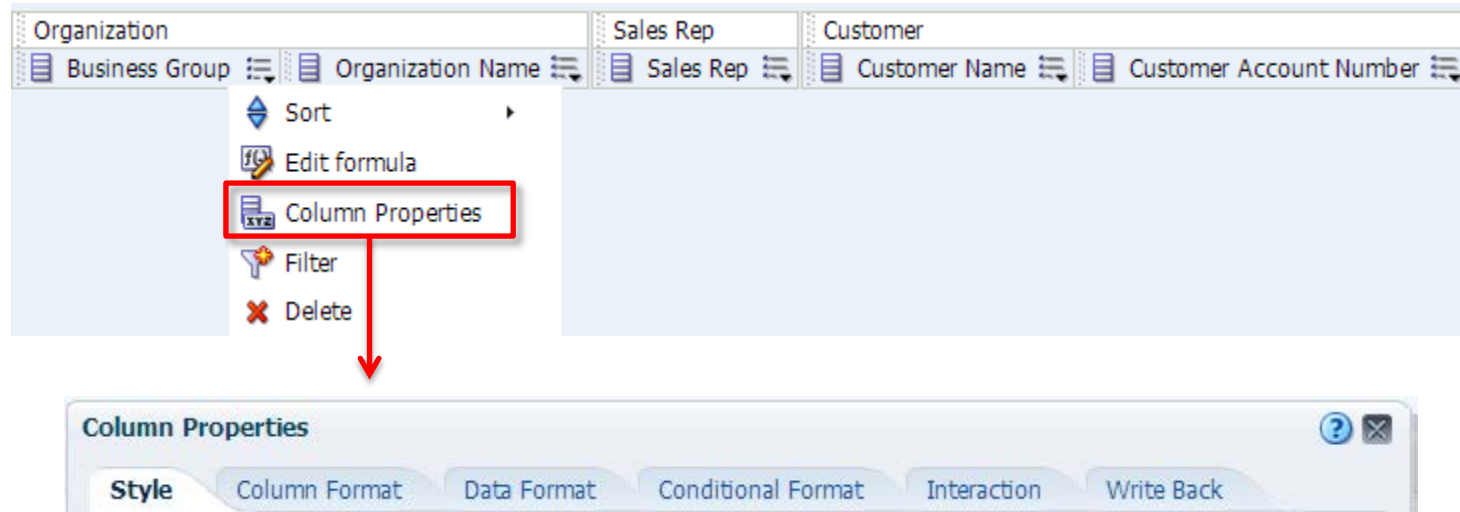
- **Column Properties Overview**
- **Style Tab**
  - Font Settings
  - Cell Settings
  - Border Settings
  - Additional Formatting Options
- **Column Format Tab**
  - Headings
  - Headings Style
  - Value Suppression
  - Hide
- **Data Format Tab**
  - Date Data Type
  - Number Data Type
  - Text Data Type
- **Further Notes**
  - Copy and Paste
  - Save as Default



# Column Properties Overview

# Overview

- There are many formatting options available for each column on an Analysis
- On the “Criteria” tab, you can access the “Column Properties” for any column simply by choosing “Column Properties” from its menu:



- **NOTE:** In this topic we will deal with the “**Style**”, “**Column Format**” and “**Data Format**” tabs. We will cover “Conditional Format” and “Interaction” in later topics

# Column Properties Overview

## *Range of Options*

- Column Properties provides a wide range of formatting options:

Business Group	Organization Name	Sales Rep	Customer Name	Customer Account Number	Date	Order Type	Order Status	Order Number	Deal Size	Product Category	Order Amount	Return Amount
Vision UK and Ireland	Vision Ireland	Derek, Ms. Amy	XYZ Application Software	5639	1/23/2007 12:00:00 AM	ORDER	CLOSED	200707.00	75K - 100K	Capacitors	37,245	
					Computer Parts and Components	10,493						
					Electronic Components	5,445						
					Motherboards	5,445						
					Passives	5,445						
					Printer Drivers	5,445						
					Software	5,445						
					Vision High-Tech	5,445						
					Capacitors	10,682						
					Diodes	18,103						
					6/18/2007 12:00:00 AM	ORDER	CLOSED	250768.00	25K - 50K	Discretes	18,103	
					Electronic Components	28,785						
					Enclosures	2,697						
					Mechanical Components	2,697						
					Passives	10,682						
					Product Requirements	2,534	1					
					Supplies	1,231						
					Test, Tools & Supplies	1,231						
					Vision High-Tech	35,248	1					
					Capacitors	10,066	236					
			XYZ Americas	5636	3/14/2007 12:00:00 AM	ORDER	CLOSED	250725.00	25K - 50K	Computer Parts and Components	2,461	
										Digital IC's	12,931	132
										Electronic Components	22,997	368
										IC's	12,931	132

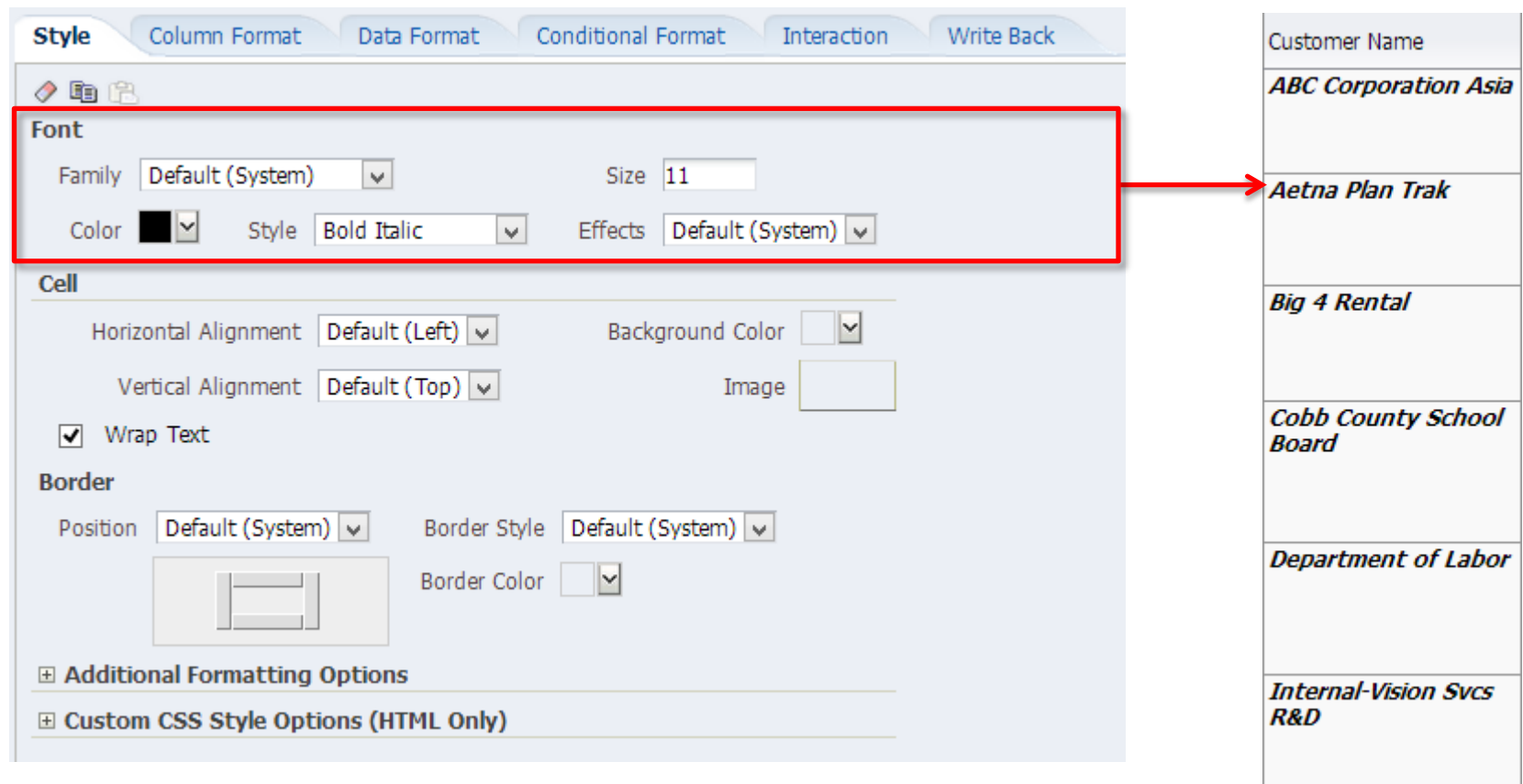


## Column Properties Style Tab

# Style Tab

## *Font Settings*

- “**Font**” settings allow you to configure the font used for the cell values
  - NOTE: This is for the cell values only, not the table heading



The screenshot shows the 'Style' tab interface with several sub-tabs: 'Style', 'Column Format', 'Data Format', 'Conditional Format', 'Interaction', and 'Write Back'. The 'Font' section is highlighted with a red box and contains the following settings:

- Family: Default (System)
- Size: 11
- Color: Black
- Style: Bold Italic
- Effects: Default (System)

Below the Font section are the 'Cell' settings, including Horizontal Alignment (Default (Left)), Vertical Alignment (Default (Top)), Background Color, Image, Wrap Text (checked), Border (Position, Style, Color), and Additional Formatting Options.

A red arrow points from the 'Font' section to a table cell. The table has a header 'Customer Name' and several rows of data, all displayed in a bold, italicized font.

Customer Name
<i>ABC Corporation Asia</i>
<i>Aetna Plan Trak</i>
<i>Big 4 Rental</i>
<i>Cobb County School Board</i>
<i>Department of Labor</i>
<i>Internal-Vision Svcs R&amp;D</i>

# Style Tab

## *Cell Settings*

- “**Cell**” settings allow you to modify:
  - Horizontal/vertical alignment of cell values
  - Specify a background colour or image

**Style** | Column Format | Data Format | Conditional Format | Interaction | Write Back

**Font**

Family: Default (System) | Size: | Color: | Style: Default (System) | Effects: Default (System)

**Cell**

Horizontal Alignment: Center | Background Color: [light green] | Image: |

Vertical Alignment: Center |

☐ Wrap Text

**Border**

Border Style: Default (System) | Border Color: |

Note that text is “**wrapped**” by default. We have unchecked the option here so that values appear on a single line

Sales Rep
Kelly, Mr. Charles
Kelly, Mr. Charles
Henry, Paul
Derek, Ms. Amy
Kelly, Mr. Charles
Derek, Ms. Amy
Henry, Paul



# Style Tab

## *Border Settings*

- “**Border**” settings allow you to modify the column borders that surround the cell values

The screenshot shows the 'Style' tab interface with several sub-tabs: 'Style', 'Column Format', 'Data Format', 'Conditional Format', 'Interaction', and 'Write Back'. The 'Style' sub-tab is active. It contains sections for 'Font' (Family, Size, Color, Style, Effects), 'Cell' (Horizontal Alignment, Vertical Alignment, Background Color, Image, Wrap Text), and 'Border'. The 'Border' section is highlighted with a red box and contains 'Position' (Custom), 'Border Style' (Double), and 'Border Color'. A red arrow points from the 'Border' section to a table of dates.

Date
3/6/2007 12:00:00 AM
3/25/2007 12:00:00 AM
4/11/2007 12:00:00 AM
4/15/2007 12:00:00 AM
5/10/2007 12:00:00 AM
7/8/2007 12:00:00 AM
7/23/2007 12:00:00 AM
10/11/2007 12:00:00 AM

## Additional Formatting Options

- **Additional Formatting Options** enable you to apply specific values for:
  - Cell height and width
  - Left / right padding
  - Top / bottom padding

Column Properties

Style




Column Format

Data Format

Conditional Format

Interaction

Write Back



Font

Family

Default (System)

Size

Color

Style

Default (System)

Effects

Default (System)

Cell

Horizontal Alignment

Default (Left)

Background Color

Vertical Alignment

Default (Top)

Image

☒ Wrap Text

Border

Position

Default (System)

Border Style

Default (System)

Border Color

☒ Additional Formatting Options

Width

40

Height

Indent (Left Padding)

Right Padding

Top Padding

Bottom Padding

☒ Custom CSS Style Options (HTML Only)

[illegible]



## Column Properties

# Column Format Tab

# Column Format Tab

## *Headings*

- “**Headings**” options allow you to:
  - Specify a custom column heading name
  - Format the font used in the column heading

The screenshot shows the 'Column Properties' dialog box with the 'Column Format' tab selected. The 'Headings' section is highlighted with a red box. It contains the following fields and options:

- Folder Heading:** Customer
- Column Heading:** Account Number
- ☒ Custom Headings
- ☐ Contains HTML Markup

Below the 'Headings' section is the 'Value Suppression' section, which includes a grid of 'XX' and 'xxxx' placeholders and radio buttons for 'Suppress' (selected) and 'Repeat'.

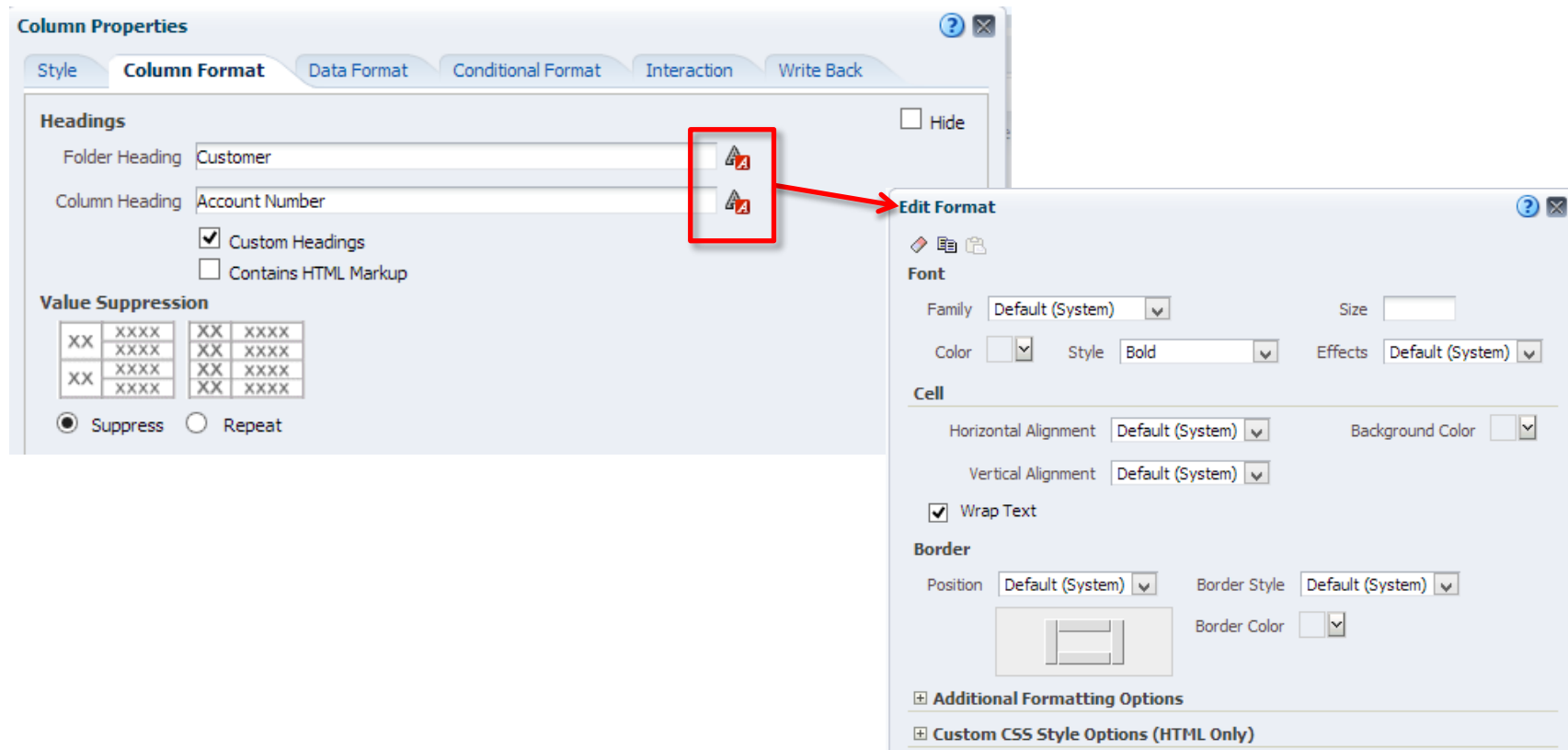
A red arrow points from the 'Column Heading' field in the 'Headings' section of the 'Column Properties' dialog box to the header of the table below.

Account Number
1000
1001

# Column Format Tab

## *Headings Style*

- Note that clicking on the  buttons will allow you to modify the formatting and style of the values displayed within the column heading



# Column Format Tab

## *Value Suppression*

- “Value Suppression” options determine how repeating cell values will be handled:
  - Suppress: Repeating values are merged into a single cell
  - Repeat: Repeating values are shown repeatedly
- By default, repeating values will be suppressed

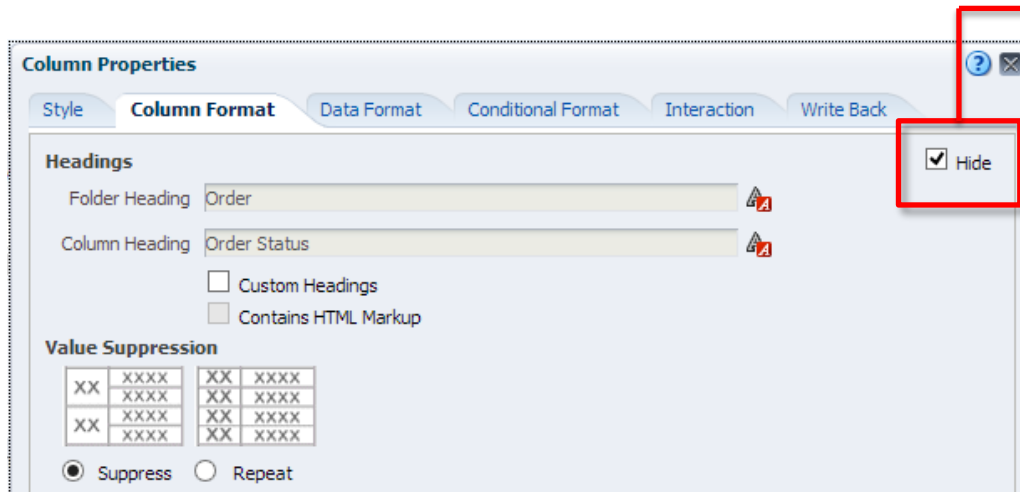
The screenshot shows the 'Column Format' tab in a software interface. The 'Value Suppression' section is highlighted with a red box. It contains two radio buttons: 'Suppress' (selected) and 'Repeat' (unselected). Above the radio buttons are two preview grids. The first grid shows a 2x2 table with 'XX' in the first column and 'XXXX' in the second column. The second grid shows a 2x2 table with 'XX' in the first column and 'XXXX' in the second column. The 'Suppress' radio button is selected.

Business Group	Organization Name	Order Status	Order Number
Vision UK and Ireland	Vision Ireland	CLOSED	200001
			200002
			200003
			200004
			200005

# Column Format Tab

## Hide

- If you select the “Hide” option, the column will be present on the Analysis but will not be visible within any Table views
  - NOTE: When editing the Table view, the column will be visible but empty (as shown below, the “Deal Size” column no longer appears in the table)



Column Properties

Style Column Format Data Format Conditional Format Interaction Write Back

**Headings**

Folder Heading Order

Column Heading Order Status

☐ Custom Headings

☐ Contains HTML Markup

**Value Suppression**

☒ Suppress ☐ Repeat

☒ Hide

Business Group	Organization Name	Order Number
Vision UK and Ireland	Vision Ireland	200001
		200002
		200003
		200004
		200005



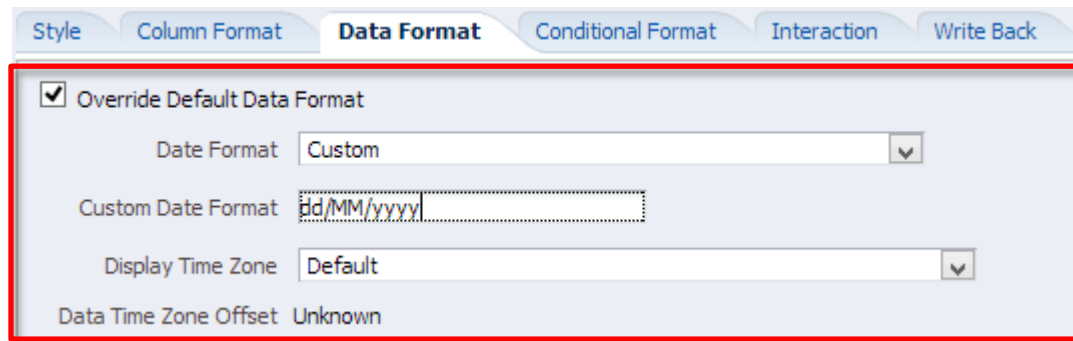
## Column Properties Data Format Tab



# Data Format Tab

## *Date Data Type*

- For columns with a “Date” data type, options allow you to configure the format of the dates returned:
  - Choose from many pre-configured formats or specify your own custom one
  - Specify the time zone and time zone offset (useful when dealing with timestamps when your users are in different time zones)



Style Column Format **Data Format** Conditional Format Interaction Write Back

☒ Override Default Data Format

Date Format Custom

Custom Date Format dd/MM/yyyy

Display Time Zone Default

Data Time Zone Offset Unknown

Date
04/10/2002
06/10/2002
03/10/2002

# Data Format Tab

## *Number Data Type*

- For columns with a “Number” data type, options allow you to configure various different number formats, including:
  - Currency
  - Percentage
  - Number
  - Custom

Style Column Format **Data Format** Conditional Format Interaction Write Back

☒ Override Default Data Format

Treat Numbers As: Currency

Currency Symbol: \$

Negative Format: Minus: -123

Decimal Places: 0

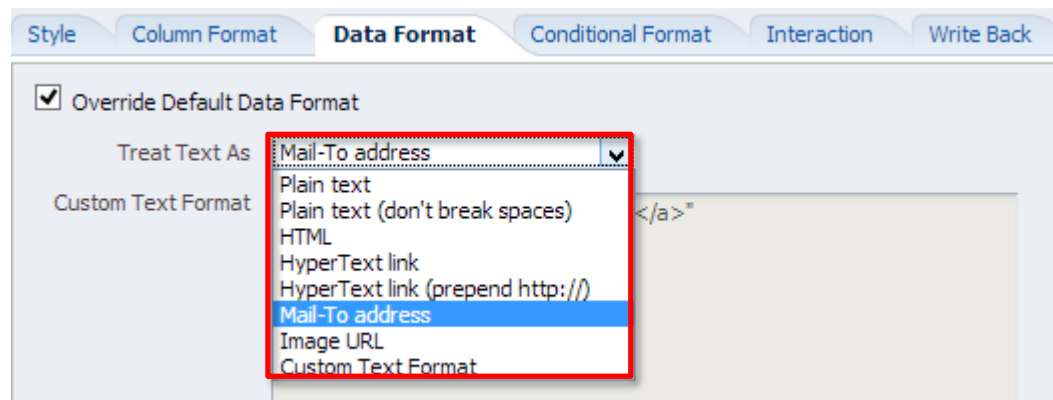
☒ Use 1000's Separator

Order Amount
\$187,443
\$16,342
\$43,740
\$69,024
\$8,802
\$102,311

# Data Format Tab

## *Text Data Type*

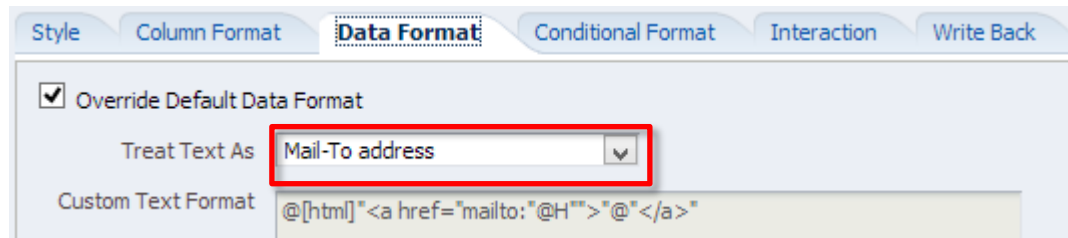
- For “Text” data type, typically values are displayed in “Plain text”
- However there are some *advanced* options for embedding HTML, URLs and other code in to text columns
  - These options are generally available to Administrators only



# Data Format Tab

## *Text Data Type*

- In this example, the “Mail-To address” option has been used which will result in a new email being opened when the user clicks on a column value:

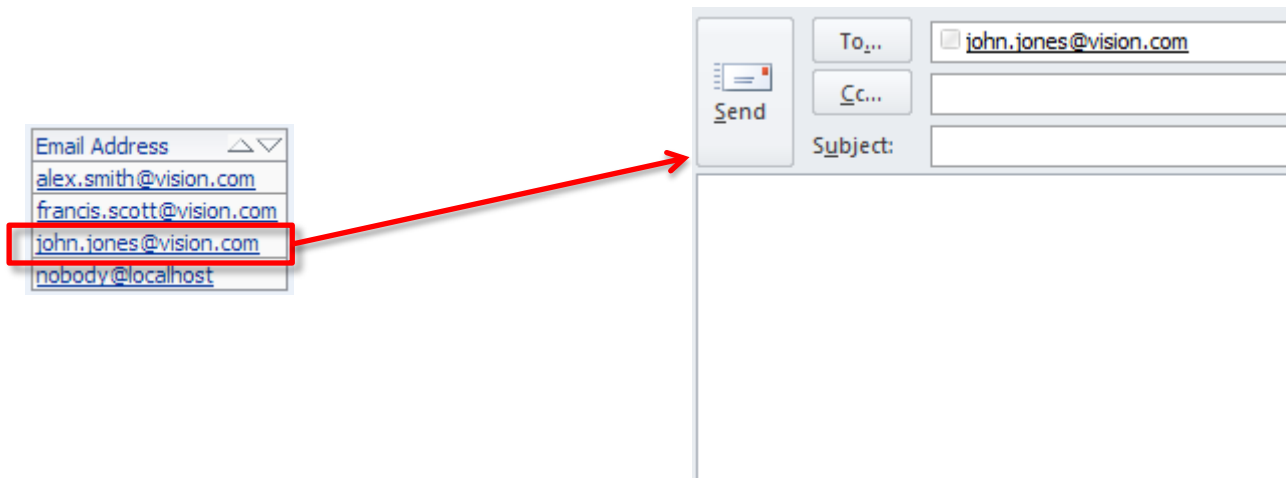


Style Column Format **Data Format** Conditional Format Interaction Write Back

☒ Override Default Data Format

Treat Text As **Mail-To address**

Custom Text Format @<html>"<a href="mailto:"@H"">"@</a>"</html>."



Email Address

- alex.smith@vision.com
- francis.scott@vision.com
- john.jones@vision.com**
- nobody@localhost

**Send**

To: john.jones@vision.com

Cc:

Subject:



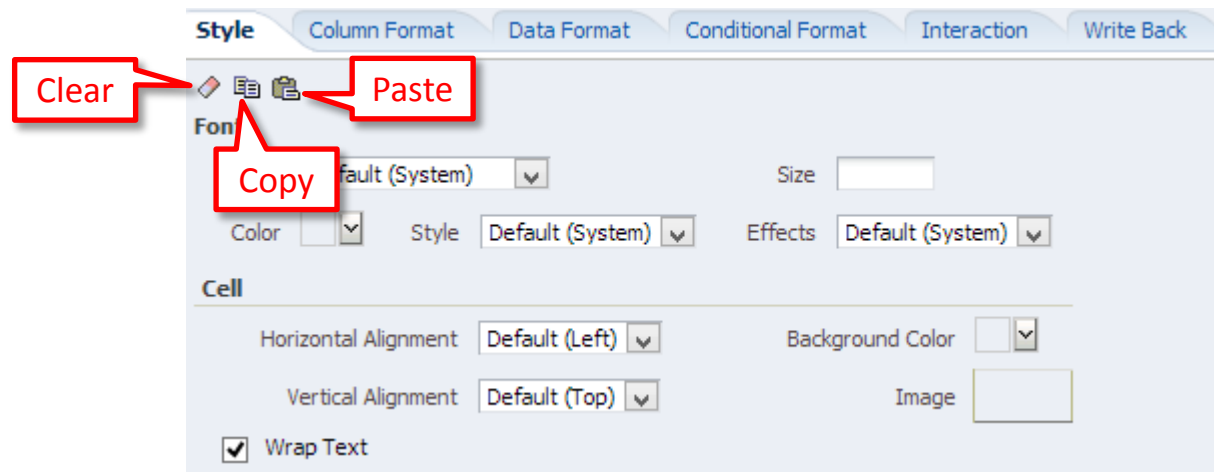
## Column Properties

# Further Notes

# Further Notes

## *Copy and Paste*

- “Copy” and “Paste” options are available to allow you to copy/paste the cell formatting to other columns within the request
- A “Clear” option is also available to set the column properties back to their default settings



- NOTE: This is only applicable for the “Style” tab

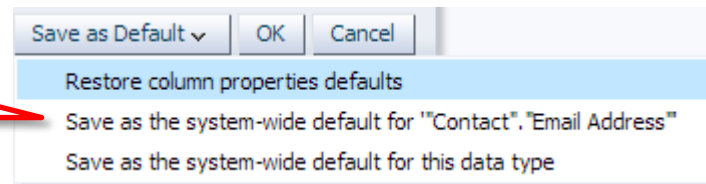
# Further Notes

## *Save as Default*

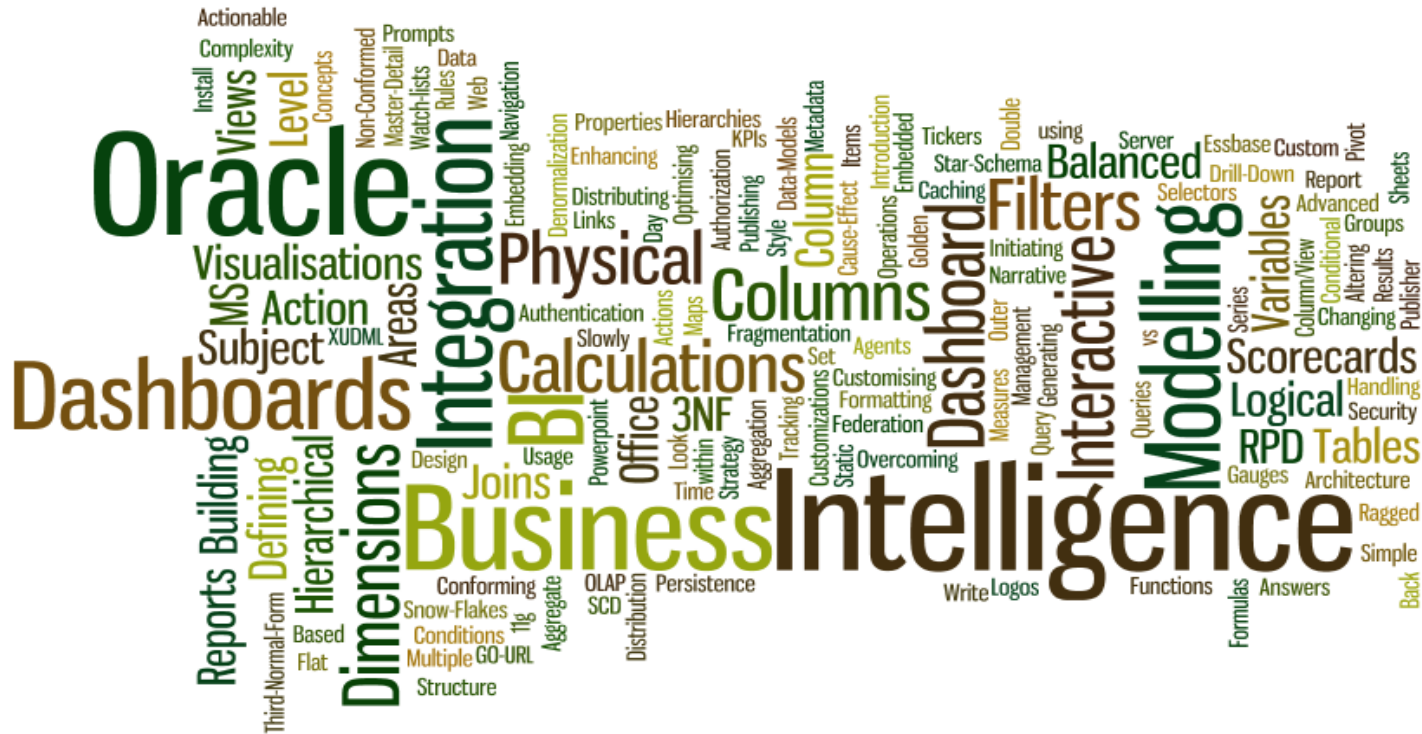
- Once a column's properties are configured, Administrators are able use some additional options:
  - **Restore column properties defaults**
    - Restores the column properties across all tabs back to their default settings
  - **The system-wide default for the column**
    - The column properties specified across all tabs will be used automatically whenever this column appears on other Analyses
  - **The system-wide default for this data type**
    - The column properties specified across all tabs will be used automatically for all columns with the same data type on other Analyses

### USE WITH CAUTION!

Using these options may affect Analyses belonging to other users, the changes can be difficult to undo



# Questions?



# PEAK

## indicators



**PEAK**  
indicators

Helping Your Business  
Intelligence Journey