



Stamina Software Pty Ltd

# TRAINING MANUAL

Visage.BIT Examples

## VISAGE.BIT - EXAMPLES

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## **Viságe.BIT - Examples**

### **Introduction**

This document will provide you with a number of examples of what you can do with Viságe.BIT and the data exploration versatility that is available for reporting and analysis purposes.

If you find that instructions in this document are not fully explained, please refer to the Viságe.BIT Manual where a more detailed explanation is provided on the various aspects of using the Viságe.BIT application.

## Example 1 - Drill down into Customers Sales Information

The versatility of Visage.BIT allows you to change a cube view to report on information.

By moving dimensions in the current view you can generate a report on Sales Cost and Sales Value for 2011, broken down by month for customers.

- Move Price Category and Report Category dimension to outside view.
- Add Customer, Reference No, Transaction Date and Product Code from outside dimension to Vertical view.
- Filter Customer dimension to select Customer 123 456 789 only.
  - Leave all customers selected to report on ALL Customers OR
  - Select those customers you wish for your Selection List OR
  - Select single customer if you wish to report on 1 customer only.
- Filter Transaction Date Year dimension to select 2011 and move this dimension to outside view. Even though a dimension is in the outside view, it can still have a filter applied to it. Outside dimensions that have a filter applied to them will appear as **\*\*\*dimensionname\*\*\***.

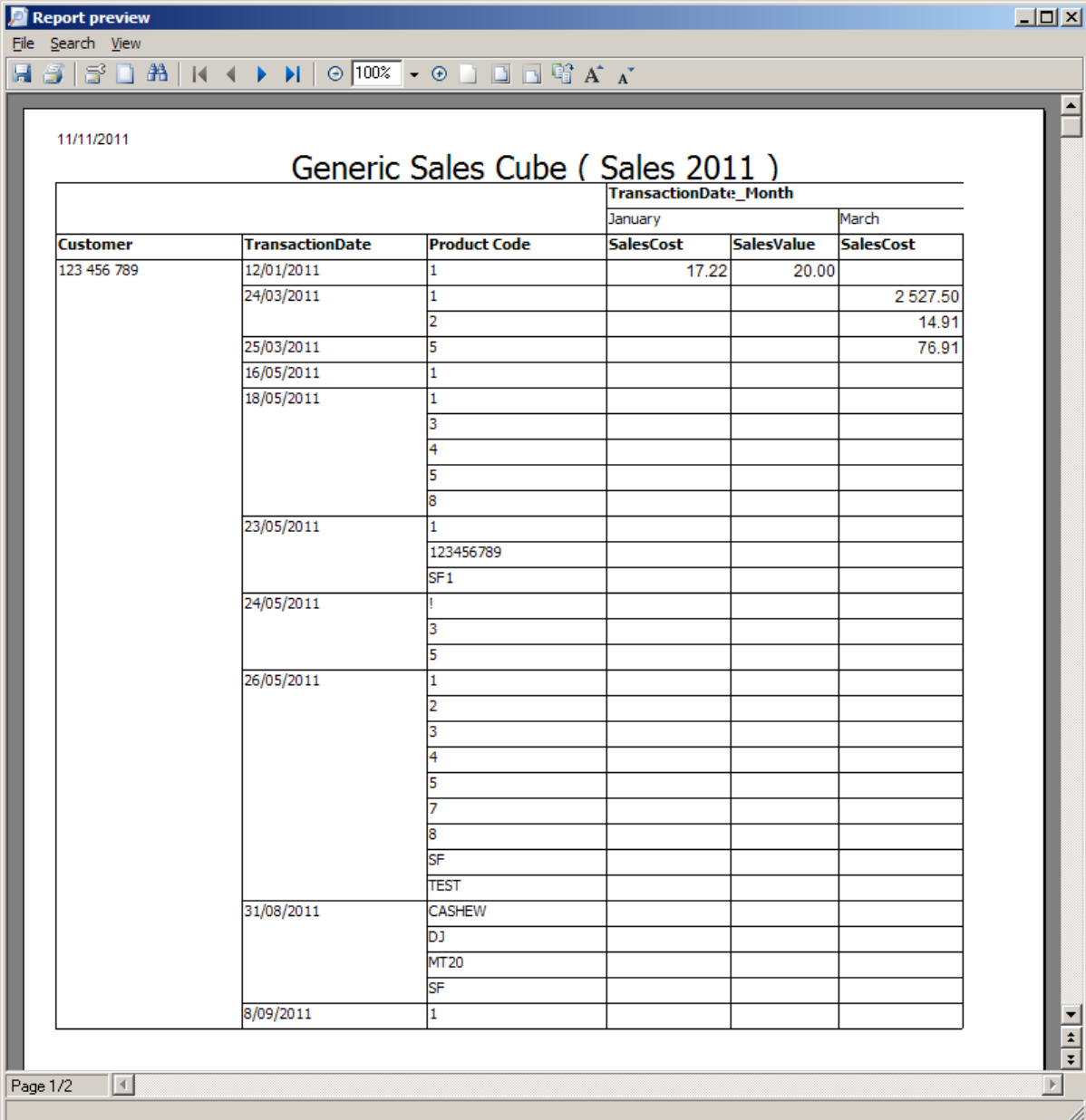
Generic Sales Cube ( Sales 2011 )														
Facts														
PriceCategory														
Pricing Category														
Product Description														
Qty														
Region														
Report Category														
Salesman														
SalesQty														
***TransactionDate Year***														
TransactionDate_Month														
Customer	Reference No	Transaction Date	Product Code	January SalesCost	January SalesValue	March SalesCost	March SalesValue	May SalesCost	May SalesValue	August SalesCost	August SalesValue	September SalesCost	September SalesValue	
123 456 789	1275	12/01/2011	1	17.22	20.00									
	1285	25/03/2011	5			76.91	245.00							
	1286	16/05/2011	1					25.00	100.00					
	1287	18/05/2011	1					25.00	100.00					
				8					113.09	125.00				
	1289	18/05/2011	3					4 093.95	125.00					
				4					101 758.30	1 750.00				
				5					43 071.28	280.00				
	1290	23/05/2011	1					2 527.50	2 022.00					
				123456789					5.13	11.27				
	1292	23/05/2011	SF1						111.00	95.96				
	1293	24/05/2011	!						.00	45.00				
				3					32.75	50.00				
				5					.00	25.00				
	9872	24/03/2011	1				2 527.50	2 022.00						
				2			14.91	.00						
	9895	26/05/2011	1						125.00	100.00				
				2					864.94	250.00				
				3					114.63	105.00				
				4					87.22	100.00				
			5					46.15	100.00					
			7					90.04	.00					
			8					22.62	20.00					
			SF					9.76	495.00					
			TEST					.00	.00					
9921	31/08/2011	CASHEW								151.20	2 745.03			
		DJ								8.68	40.25			
		MT20								576.00	7 251.50			
		SF								1 952.52	2.75			
9933	8/09/2011	1												

Figure 1: Sales details for single customer

## Report Preview

You can generate this current view to a report by

- Click on the Report Preview  button and the following will be produced.



11/11/2011

### Generic Sales Cube ( Sales 2011 )

Customer	TransactionDate	Product Code	TransactionDate_Month			
			January	March		
			SalesCost	SalesValue	SalesCost	
123 456 789	12/01/2011	1	17.22	20.00		
	24/03/2011	1			2 527.50	
		2			14.91	
	25/03/2011	5			76.91	
	16/05/2011	1				
	18/05/2011	1				
		3				
		4				
		5				
		8				
	23/05/2011	1				
		123456789				
	24/05/2011	SF1				
		!				
		3				
	26/05/2011	5				
		1				
		2				
		3				
		4				
		5				
		7				
		8				
31/08/2011	SF					
	TEST					
	CASHEW					
	DJ					
8/09/2011	MT20					
	SF					
	1					

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Figure 2: Report Preview of current view

Excel Report

- Click the + symbol to the left of the Customer dimension to collapse all dimensions. You can now view the total for Sales Cost and Sales Value for each month for 2011 period for the selected customer.

The screenshot shows the Visage Designer interface with a table displaying sales data for a single customer in 2011. The table is organized by month, with columns for Sales Cost and Sales Value for each month. The data is as follows:

Customer	January		March		May		August		September	
	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue
123 456 789	17.22	20.00	2 619.33	2 267.00	153 123.36	5 899.23	2 688.40	10 039.53	25.00	20.00

Figure 3: Sales Cost and Sales Value broken down by Month for 2011 year for single customer.

**Generic Sales Cube ( Customer Sales Cube 2011 )**

Customer	January		February		March		April		May		June	
	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue
123 456 789	17.22	20.00			2 619.33	2 267.00			153 123.36	5 899.23		
A new customer	111.00	95.96										
David Jenkins Enterprises Pty Ltd	.00	.00	1.72	82.62				9.54	295.90			.87
John Whitbread					2.50	10.00						
MK account 3												
Marjorie Kenna					3 114.60	35 110.49			199.97	98.52		32.75
Mr David Short			27.85	57.22	342.00	258.61		720.00	488.65	.00	.00	
Ross Ferris Industries			30.00	6 725.45	16.00	93.00						

Figure 4: Sales Cost and Sales Value broken down by Month for 2011 year for a number of Customers

By changing your Customer selection, you can view the Sales Cost and Sales Value for 2011 for a number of customers, for a single customer or for all customers.

## Example 2 - Changing the order of Columns

Using the cube view that you have been working with in the previous examples, you have columns or Facts for Sales Cost and Sales Value.

Now you want to change the column display to show Sales Value then Sales Cost.

- Position mouse over the Facts area and right click.
- You will be presented with the following options

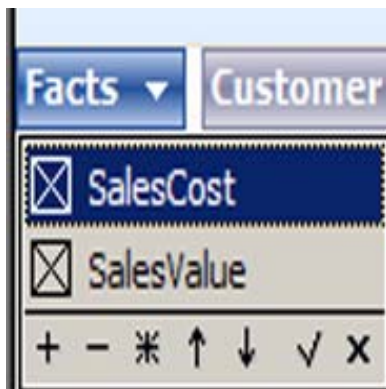



Figure 5: Current Facts

- With the Sales Cost Fact selected Click on the ↓ symbol.
- Click on the ✓ to accept the changes and your cube view changes to show Sales Value fact in the first column followed by Sales Cost.



Product Code	Price Category	Report Category	January		February		March		April		May	
			SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost
1	TEST THE FILE HANDLE	1	105.00	34.44	85.00	17.22	3 280.15	5 072.22			2 348.52	2
123	Inventory Price Category-----X	123			.00	40.00					11.27	
12345678901234	NEW	NEW					1 125.07	553.50				
1303	SKOQLOQKQK	LENLO			1.77	.67						
1308	EE	EE			9.00	5.26						
1318	SKOQLOQKQK	LENLO			5.09	1.80						
1620	SKOQLOQKQK	LENLO			41.36	20.12						
2	NEW	NEW	500.00	29.83			.00	14.91			250.00	
3	TEST THE FILE HANDLE	DEVIL					.00	16.38			280.00	4
301175					.00	.00						
4	DEVIL	DEVIL									1 922.00	101
5	DEAD	DEAD					245.00	76.91			405.00	43
7	DEAD	DEAD									.00	
8	TEST THE FILE HANDLE	DEVIL									145.00	
9SFS3	Inventory Price Category-----X	DJINV										
BAW190	Surf Board Covers	NEW										
CASHEW	PEANUTS	BLU										
DJ	Inventory Price Category-----X	ICE	.00	.00	82.62	1.72			295.90	9.54	.00	1
DJ-PART-4	1234567890123456789012345678901234567890	DJINV										
DJ2	Inventory Price Category-----X	SP										
DJ3	Inventory Price Category-----X	DRY	.00	.00							.00	
DJ5	Inventory Price Category-----X	DAIRY										
DJ7	The Jam Price Category	FRESH									.00	1
DJ9	Inventory Price Category-----X										.00	

Figure 6: Cube view changed to reflect Sales Value then Sales Cost

You can also create user facts for any view by selecting the  icon. User Facts are formulas using existing dimensions that will show information that would not be otherwise available. Eg. Averages.

Facts can be removed from display by deselecting the fact from the Facts selection options. The Fact can be displayed again by reselecting it from the Facts selection options.

## Example 3 - Identify customers who DID NOT purchase from a particular Generic Category

Steps:

1. Start with a “clean” cube with no filters.
2. Select the dimension(s) you are interested in and move from outside cube view to inside cube view (where necessary).

**Note! Make dimension bar multi line to enable you to see all dimensions available**

The screenshot shows a software interface titled "Generic Sales Cube ( Sales 2011 )". The interface includes a toolbar at the top, a filter bar with various dimensions like Customer Name, CustomerCategory, EntityName, GenericDepartment, GenericProduct, InventoryDepartment, ParentAccount, PriceCategory, Pricing Category, Product Code, Product Description, Qty, Reference No, Region, Report Category, Salesman, SalesQty, TransactionDate, TransactionDate\_Month, and TransactionDate\_Year. Below the filter bar, a dimension bar shows "GenericCategory" expanded. The main area displays a table with columns for Customer, SalesCost, SalesValue, and SalesCost/SalesValue for various Generic Categories.

Customer	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue
123 456 789	1 832.01	45.89	20 033 505.06	91 648.36	495 358.55	.00	65 862.50	.00	44 810.60	.00	196 752.31	
A new customer	727.20	9 996.53					8.68	40.25	5.13	11.27	1 962.28	
Brown Brothers Milawa												
David Jenkins Enterprises Pty Ltd	1 188.00	14 097.69	.00	.00			1 434.20	38 397.95			92.00	
John Whitbread												
MK account 3												
Marjorie Kenna	553.50	1 125.07	.00	32 727.27								
Mr David Short	22.59	48.22			6 240.00	4 988.65					130 000.00	
Ross Ferris Industries			70.33	6 940.45								

Figure 7: Sales cube with dimensions - Customer and Generic Category

At this time, all Customers and all Generic Categories are included in the cube view.

- The next step is to select a Generic Category and a customer to show you who DID buy from a selected Generic Category.

In our example, we will select the Animals Generic Category.

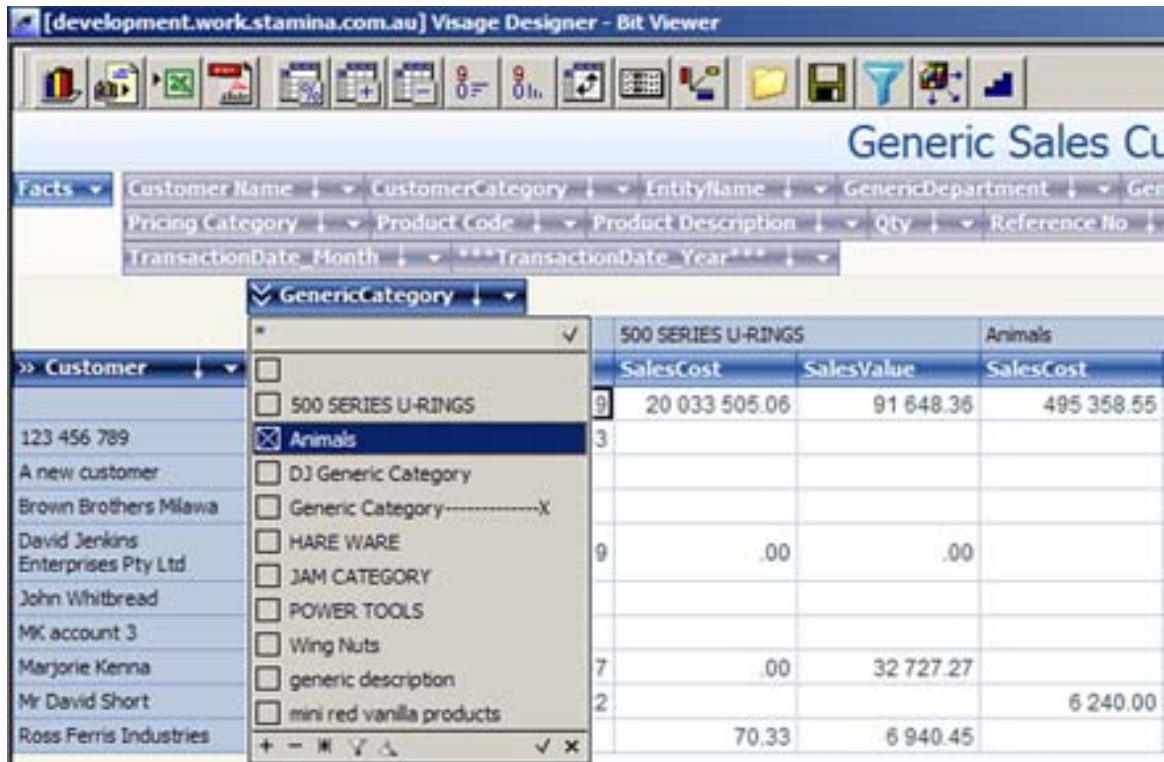


Figure 8: Animals – General Category selected

Click on the ✓ in the bottom right of the selection window.



Figure 9: Cube view changed to show Customers who have purchased from this Generic Category

- Select a random customer from the Customer dimension

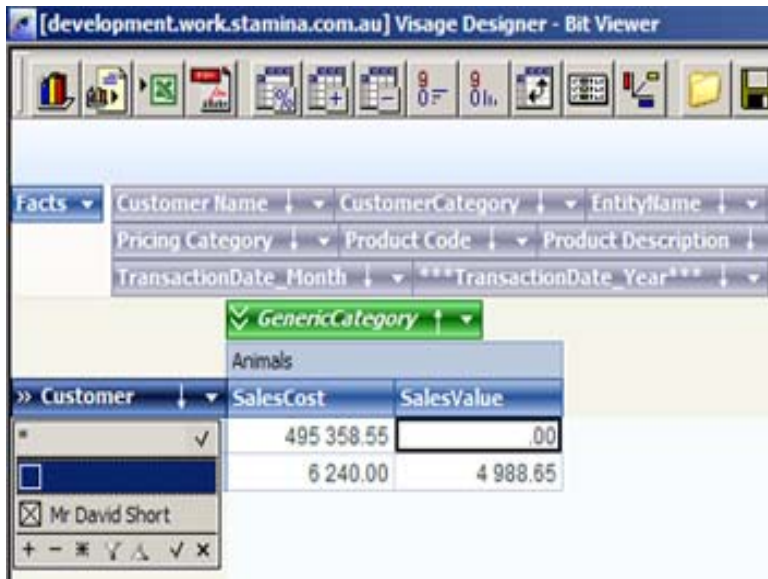


Figure 10: Select a Random customer

Click on the ✓ in the bottom right of the selection window.

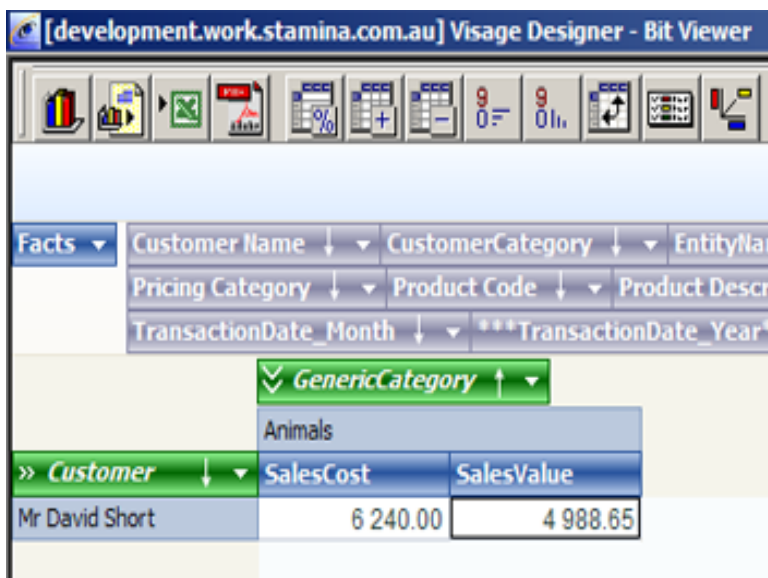


Figure 11: One Customer selected who did purchase from the Generic Category = Animals

- Go back and remove the filters from the Generic Category dimension - Click on the \* to invert selection

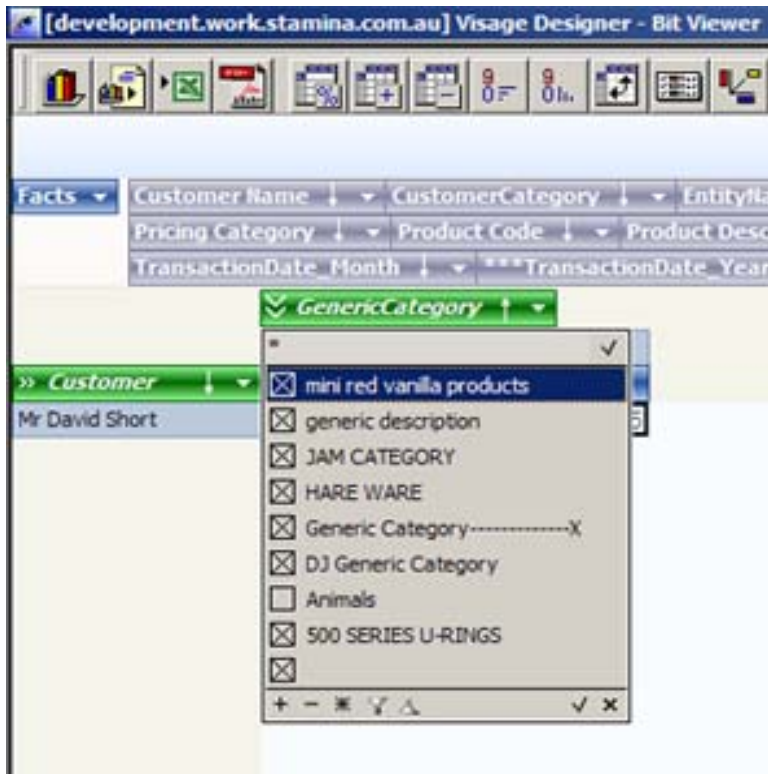


Figure 12: Remove the filter by clicking on the \* button then click on the ✓ in the bottom right of the selection Window.

Click on the ✓ in the bottom right of the selection window.

6. Go to Customers dimension unselect the customer you selected at Step 4

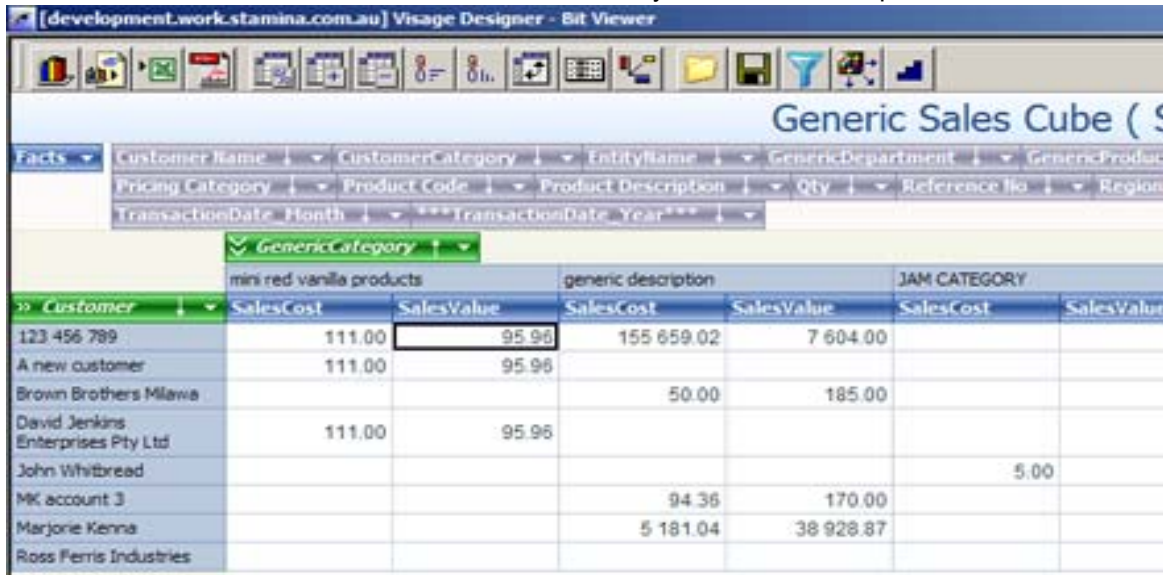


Figure 13: Unselect the customer you selected at Step 4

Click on the ✓ in the bottom right of the selection Window.

The cube view now indicates that there are MANY customers who **DID NOT** purchase from Generic Category - Animals

Generic Sales Cube ( Sales 2011 )

Customer	SalesCost	SalesValue	generic description	JAM CATEGORY	HARE WARE	DJ Generic Category
123 456 789	111.00	95.96	155 659.02	7 604.00	1 962.28	497.75
A new customer	111.00	95.96				
Brown Brothers Milawa			50.00	185.00		
David Jenkins Enterprises Pty Ltd	111.00	95.96			92.00	1 146.45
John Whitbread				5.00	20.00	
MK account 3			94.36	170.00		
Marjorie Kenna			5 181.04	38 928.87		
Ross Ferris Industries						

Figure 14: Cube view of customers who DID NOT purchase from Generic Category -Animals

SUMMARY AT START: Initial view of cube indicates that there are 2 customers who have purchased from Generic Category - Animals

The screenshot shows a software interface for a sales cube. The title is 'Generic Sales Cube ( Sales 2011 )'. Below the title are several filter menus for 'Facts', 'Customer Name', 'CustomerCategory', 'EntityName', 'GenericDepartment', 'GenericProduct', 'InventoryDepartment', 'ParentAccount', 'PriceCategory', 'Pricing Category', 'Product Code', 'Product Description', 'Qty', 'Reference No', 'Region', 'Report Category', 'Salesman', 'SalesQty', 'TransactionDate', and 'TransactionDate\_Month/Year'. The main data table is titled 'GenericCategory' and has columns for 'Customer', 'SalesCost', 'SalesValue', '500 SERIES U-RINGS', 'Animals', 'DJ Generic Category', and 'HARE WARE'. The 'Animals' column is highlighted in blue. Two rows are circled in red: the first row for customer '123 456 789' and the second row for 'Mr David Short'. The 'Exit' button is visible in the bottom right corner.

Customer	SalesCost	SalesValue	500 SERIES U-RINGS	Animals	DJ Generic Category	HARE WARE
123 456 789	1 832.01	45.89	20 033 505.06	91 648.36	495 358.55	.00
A new customer	727.20	9 996.53			8.68	40.25
Brown Brothers Milawa						5.13
David Jenkins Enterprises Pty Ltd	1 188.00	14 097.69	.00	.00	1 434.20	38 397.95
John Whitbread						
MK account 3						
Martorie Kenna	553.50	1 125.07	.00	32 727.27		
Mr David Short	22.59	48.22			6 240.00	4 988.65
Ross Ferris Industries			70.33	6 940.45		

Figure 15 : Customers who have purchased from Animals Generic Category.

## SUMMARY AT END: View of cube indicates those Customers who DID NOT purchase from Generic Category - Animals

The screenshot shows the Visage Designer - Bit Viewer interface. The main window displays a 'Generic Sales Cube (Sales 2011)'. The 'Facts' pane is expanded to show a table of sales data. The table has columns for Customer, SalesCost, SalesValue, generic description, JAM CATEGORY, HARE WARE, Generic Category, and DJ Generic Category. The data is filtered to show customers who did not purchase from the 'Animals' generic category.

Customer	SalesCost	SalesValue	generic description	JAM CATEGORY	HARE WARE	Generic Category-----X	DJ Generic Category
123 456 789	111.00	95.96	155 659.02	7 604.00		1 962.28	497.75
A new customer	111.00	95.96				5.13	11.27
Brown Brothers Milawa			50.00	185.00			
David Jenkins Enterprises Pty Ltd	111.00	95.96				92.00	1 146.45
John Whitbread					5.00	20.00	
MK account 3			94.36	170.00			
Marjorie Kenna			5 181.04	38 928.87			
Ross Ferris Industries							

Figure 16: This view indicates those Customers who DID NOT purchase from Generic Category – Animals



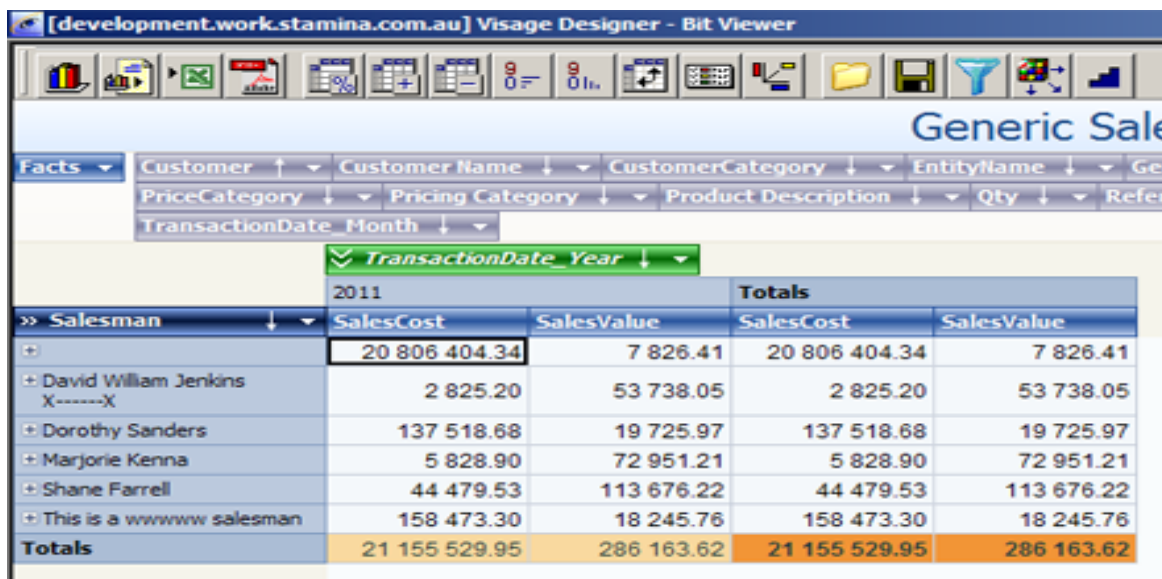
## Example 4 – Top Salesman

Using the 'original' Generic Sales cube by moving around dimensions you can establish the Top Salesman for 2011 as an example.

Steps:

1. Start with a “clean” cube with no filters.
2. Select the dimension(s) you are interested in and move from outside cube view to inside cube view (where necessary).
3. Move the dimension(s) you are not interest in to the outside view.
4. Filter the Transaction Date Year dimension to only select 2011.
5. Select Totals for the Transaction Date Year dimension.
6. Select Totals for the Salesman dimension.

**Note! Make dimension bar multi line to enable you to see all dimensions available**




2011		Totals		
Salesman	SalesCost	SalesValue	SalesCost	SalesValue
>>	20 806 404.34	7 826.41	20 806 404.34	7 826.41
David William Jenkins X-----X	2 825.20	53 738.05	2 825.20	53 738.05
Dorothy Sanders	137 518.68	19 725.97	137 518.68	19 725.97
Marjorie Kenna	5 828.90	72 951.21	5 828.90	72 951.21
Shane Farrell	44 479.53	113 676.22	44 479.53	113 676.22
This is a wwwwww salesman	158 473.30	18 245.76	158 473.30	18 245.76
<b>Totals</b>	<b>21 155 529.95</b>	<b>286 163.62</b>	<b>21 155 529.95</b>	<b>286 163.62</b>

Figure 17: Cube view showing Salesman

**Sort the Sales Cost column to show smallest to largest values**

Position cursor in the first cell eg. See above example.

Click on the  Sort Rows button.

The screenshot shows a PivotTable titled 'Generic Sales' in Visage Designer. The PivotTable is sorted by Sales Cost Value in ascending order. The columns are Salesman, SalesCost, SalesValue, and Totals (SalesCost, SalesValue). The rows list salesmen: David William Jenkins, Marjorie Kenna, Shane Farrell, Dorothy Sanders, and This is a wwwwww salesman, followed by a Totals row.

Salesman	2011		Totals	
	SalesCost	SalesValue	SalesCost	SalesValue
David William Jenkins X-----X	2 825.20	53 738.05	2 825.20	53 738.05
Marjorie Kenna	5 828.90	72 951.21	5 828.90	72 951.21
Shane Farrell	44 479.53	113 676.22	44 479.53	113 676.22
Dorothy Sanders	137 518.68	19 725.97	137 518.68	19 725.97
This is a wwwwww salesman	158 473.30	18 245.76	158 473.30	18 245.76
<b>Totals</b>	<b>20 806 404.34</b>	<b>7 826.41</b>	<b>20 806 404.34</b>	<b>7 826.41</b>

Figure 18: Data sorted to show smallest to largest Sales Cost Value

You can then change this view to include other dimension that you might be interested in at this time. eg. By adding additional dimensions you might report on which Customers were included in these figures.

If you report on Salesman each year, you might like to save this view for future reference.

## Example 5 – Save View

If you have manipulated any cube view to show you ‘something different’, instead of having to do the same manipulation each time you load up the cube, you can save the current view for future reference.

The screenshot shows the 'Generic Sales Cube' view in Visage Designer. The 'Facts' menu is expanded to show 'TransactionDate\_Year' and 'TransactionDate\_Month'. The data grid displays columns for 'SalesCost' and 'SalesValue' for the years 2006, 2007, 2008, 2009, 2010, and 2011, with sub-columns for each month. The 'Product Code' column lists various product identifiers.

Figure 19: Initial Generic Sales Cube View

The screenshot shows the 'Generic Sales Cube ( Sales cube for 2008-2011 )' view. The 'Facts' menu is expanded to show 'TransactionDate\_Year'. The data grid displays columns for 'SalesCost' and 'SalesValue' for the years 2008, 2009, 2010, and 2011, along with a 'Totals' column. The 'Product Code' column lists various product identifiers.

Figure 20: Changed view of Products and Sales Cost and Sales Value for years 2008 – 2011

To save this current view

- Click on the Save View icon 

The following screen will then be displayed

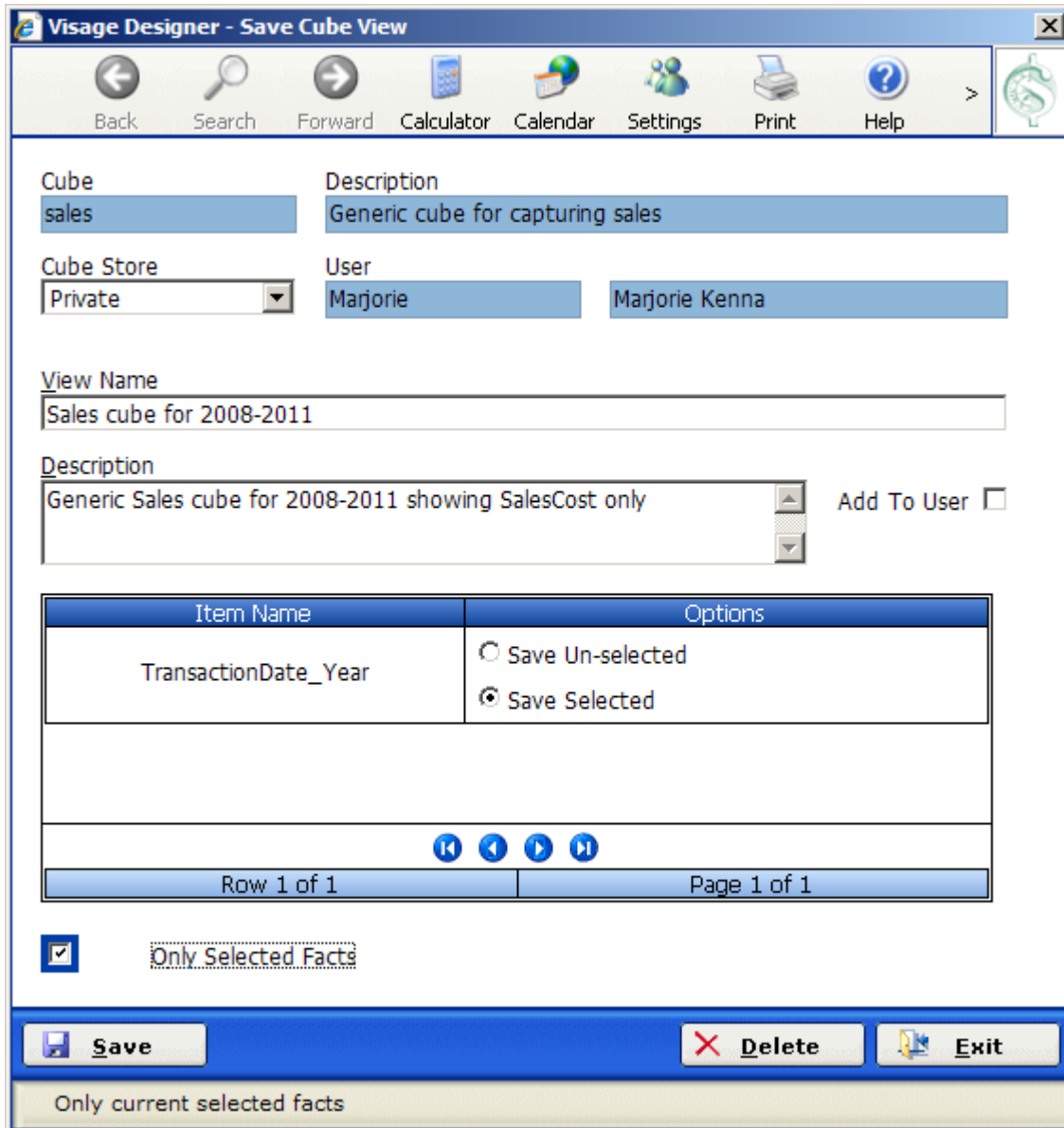


Figure 21: Save Cube View options

**Cube Store** Private – Allows the cube to be saved for your viewing only.

Public – Allows the cube to be saved for viewing by any user.

**View Name** Enter a meaningful description that can be used when referencing this cube for future use.

**Description** Enter a more meaningful description for this cube.

### Item Name – Options

If your current view has any dimension filtered (in this example – TransactionDate\_Year is filtered) those dimensions will display in this section and you will be prompted to Save un-selected or Save Selected.

Using this current cube view – there is only 1 dimension filtered (TransactionDate\_Year) you are asked:

Do you want to save what you have currently selected eg. Sales figures for Years 2008, 2008, 2010 and 2011 ?

OR


Do you want to save what you do not have selected eg. Years 2006 and 2007 plus any other years that might appear in the future?

The response here depends on entirely what you want to save for future reference.

### Only Selected Facts

In this example we have selected All Facts. You might have a view that is only displaying Sales Cost fact. When you select to save this view you might then only want to save the Selected Fact of Sales Cost, if this was the case you would check the Only Selected Fact.

## Example 6 - Load Cube Views

After you have loaded up your 'initial/default' cube view (eg. Cube name: sales. Description: Generic cube for capturing sales), you can click on the  icon to load any Private or Public views.

A window similar to below Figure will appear.

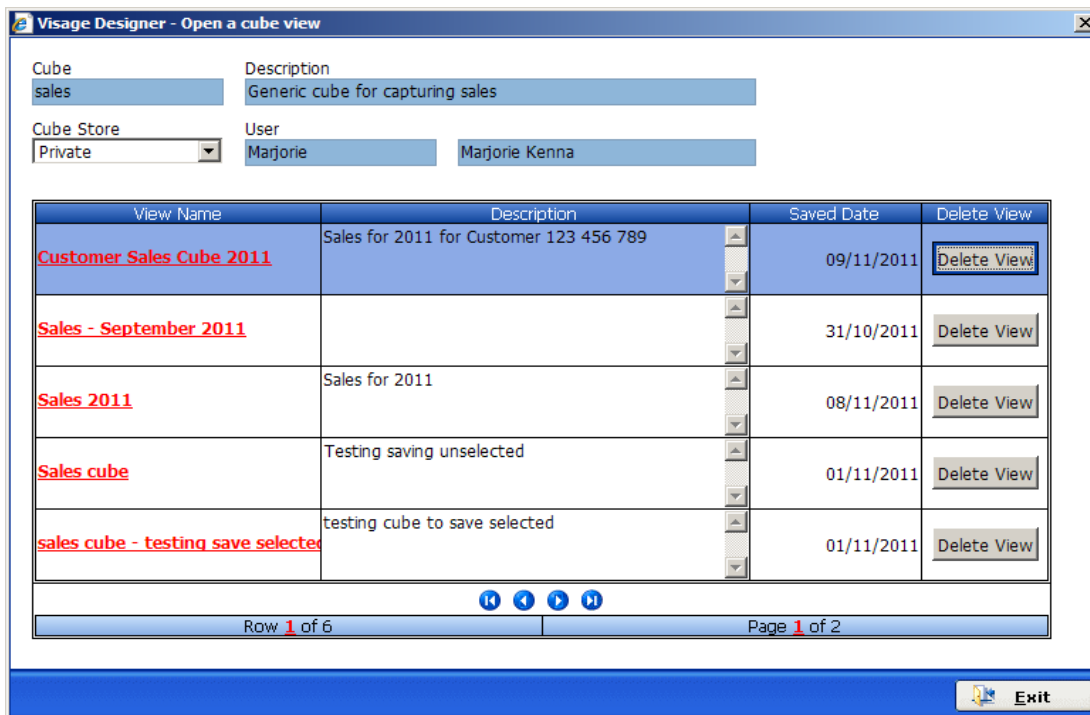


Figure 22: Cube Private View options

**Cube Store** – Select this option to choose from a Private or Public View.

Public View cubes are available to all users, while Private View cubes are only visible to the user who created the cube.

The cubes that belong to each view will then be displayed.

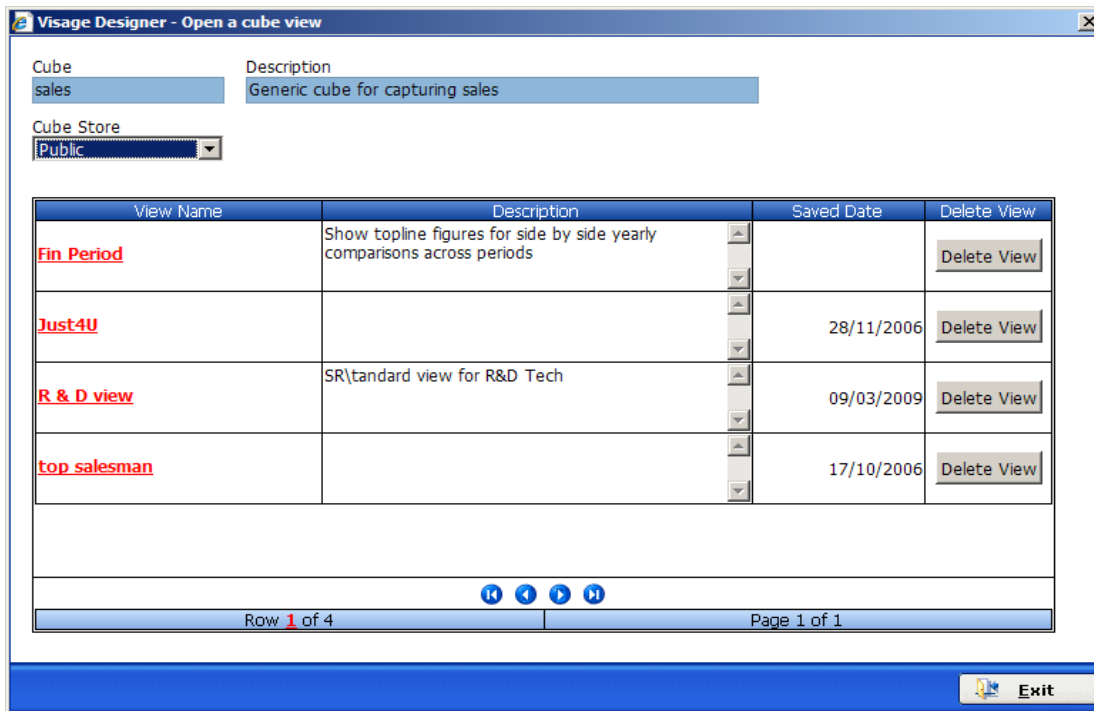


Figure 23: Cube Public View options

Click on the cube name in the View Name section of the table to load that cube view.

Click on the Delete View button if you no longer wish to save that cube view.

## Example 7 – Sales Information on a Month by Month basis

As a variation to Example 1 – you might like to compare Sales Information by Product on a month by month basis for 2 years instead of simply for each month for a single year.

- Move all dimensions that are not required to outside view.
- Leave Product Code and Transaction Date Month dimension in current view.
- Filter Transaction Date Year dimension to select 2011 and 2010 and move to horizontal view.
- Position dimensions in Horizontal view with Transaction Date Month dimension first, then Transaction Date Year dimension next.

The screenshot shows a software interface titled "Generic Sales Cube" with various dimensions and a data table. The dimensions include Customer, Pricing Category, Product Description, Qty, Reference No, Region, Report Category, Salesman, SalesQty, and TransactionDate. The TransactionDate dimension is split into Month and Year. The data table shows SalesCost and SalesValue for various Product Codes across different months and years.

Product Code	January 2010		January 2011		February 2010		March 2010		April 2010	
	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue	SalesCost	SalesValue
01069531 0055			34.44	105.00						
01069531 0056					17.22	85.00	125.00	.00	5 072.22	3 280.15
1					40.00	.00				
123456789									553.50	1 125.07
127547					.67	1.77				
1303					5.26	9.00				
1308					1.80	5.09				
1318					20.12	41.36				
1620			29.83	500.00					14.91	.00
2									16.38	.00
3	.00	.00								
301066					.00	.00				
301175									76.91	245.00
8	220.00	.00								
95FS3										
A JAM	.00	.00								
AR										
AROSS										
CASHEW										
DJ	4 174.70	.00	.00	.00	1.72	82.62				
DJ-ASS-1	.00	.00								
DJ-ASS-2										
DJ-ASS-5										

Figure 24: Cube view on a month by month basis for 2 years

As you can see the cube is showing January 2010, January 2011, then February 2010 and March 2010 etc.

This allows you to compare sales month by month for the specified period.



If you move the Transaction Date Month dimension to the right of the Transaction Date Year dimension the view changes to display year first then months.

The screenshot shows the 'Generic Sales Cube' interface. The dimensions are set to 'TransactionDate\_Year' and 'TransactionDate\_Month'. The data is displayed for the year 2010, broken down by month from January to July. The columns represent Sales Cost and Sales Value for each month. The rows list various product codes and their corresponding sales data.

Product Code	January		February		March		April		May		June		July
	Sales Cost	Sales Value	Sales Cost	Sales Value	Sales Cost	Sales Value	Sales Cost	Sales Value	Sales Cost	Sales Value	Sales Cost	Sales Value	Sales Cost
1													362.4
IDJ													100.0
IKIT													
IMISC													100.0
00900373 0025													
00900373 0026													
00900373 0027													
01069531 0055													
01069531 0056													
1					125.00	.00			394.43	2 200.00	161.11	460.00	17.2
123													
123456789													
1234567890 1234													
1234567890 1234567890										4 999 995.00		98.46	
12345													
123156789123156789													
127547													
1303													
1308													
1318													
1620													
2									14.91	584.00	89.48	240.00	
3											16.38	.00	
301066	.00	.00											
301175													
4													
5									92.30	245.00			
7													
8									113.09	125.00			
95F53	220.00	.00											
A JAM											5.34	6.90	
AR	.00	.00											
AROSS											.00	303.12	
BAW 190													
CASHEW													
DJ	4 174.70	.00							353.80	.00	92.36	3 326.40	32.2
DJ-ASS-1	.00	.00											62.8
DJ-ASS-2													
DJ-ASS-5							9 962 54	.00					

Figure 25: Same cube view as Figure 24 but displayed by Year then month

By moving dimensions around in the view, different views of the same data can be analysed.

## Example 8 - Sorting Data

In the example below we have a view of a Sales Cube that has dimensions of Customers and Financial Year. We can see the Customer Name and for the Financial Year of 08 – Quantity (Qty of goods sold), Sales (\$ value of sales), Cost (\$ value of cost of goods) and Profit (being \$ value of Sales – \$ value of Cost of goods).



Customer	08				Totals			
	Qty	Sales	Cost	Profits	Qty	Sales	Cost	Profits
A new customer (N)	11	23971.89	1076.8	22895.09	11	23971.89	1076.8	22895.09
Cash Test (CASHTEST)	1	4850		4850	1	4850		4850
David Jenkins Enterprises Pty Ltd.X (DJ)	345	1022.82	12783.23	-11760.41	345	1022.82	12783.23	-11760.41
David's Company (DS)	190		25954.06	-25954.06	190		25954.06	-25954.06
John Whitbread (jw)	20	860.91		860.91	20	860.91		860.91
London Company (010)	1	956	.01	955.99	1	956	.01	955.99
Marjorie Kenna AR Customer (MK)	7	299.24	282.6	16.64	7	299.24	282.6	16.64
Miss Susie OBriens (99160)	1				1			
Mr Shamus O'Farrell (SF)	318	156127.58	439357.83	-283230.25	318	156127.58	439357.83	-283230.25
overseas (OSD)	1	117.33	.01	117.32	1	117.33	.01	117.32
<b>Totals</b>	<b>105177345.74</b>	<b>188205.77</b>	<b>10001117757126.79</b>	<b>-10001117568921.03</b>	<b>105177345.74</b>	<b>188205.77</b>	<b>10001117757126.79</b>	<b>-10001117568921.02</b>

Figure 26: Sales cube with Dimensions of Customer and FinYear

### Sort Qty Column

Sort Qty column in ascending order eg. Smallest qty to largest qty.  
You can sort any other column in the cube using the same procedure

Sort Column in Ascending order eg. Smallest to largest

- Position cursor in any cell in the Column to be sorted (eg in the Qty column)
- Click on the  Sort Rows button
- Click the  button on the Customer Dimension - the Column will be sorted in ascending order.

Sort Column in Descending order eg. Largest to smallest.


- Position cursor in any cell in the Column to be sorted
- Click on the  Sort Rows button
- Click on the 9↓ button on the Customer Dimension - the Column will be sorted in descending order.



Figure 27: Customer dimension

To change the sort order for the Qty column, in this example, select the 9↑ or the 9↓ from the Customer dimension – the Qty column will then be sorted in either Ascending or Descending order.

Click on this button to change the sort order for the Qty column

Customer	Qty	Sales	Cost	Profits	Totals Qty	Totals Sales	Totals Cost	Totals Profits
Cash Test (CASHTEST)	1	4850		4850	1	4850		4850
London Company (010)	1	956	.01	955.99	1	956	.01	955.99
Miss Susie OBriens (99160)	1				1			
overseas (OSD)	1	117.33	.01	117.32	1	117.33	.01	117.32
Marjorie Kenna AR Customer (MK)	7	299.24	282.6	16.64	7	299.24	282.6	16.64
A new customer (N)	11	23971.89	1076.8	22895.09	11	23971.89	1076.8	22895.09
John Whitbread (jw)	20	860.91		860.91	20	860.91		860.91
David's Company (DS)	190		25954.06	-25954.06	190		25954.06	-25954.06
Mr Shamus O'Farrell (SF)	318	156127.58	439357.83	-283230.25	318	156127.58	439357.83	-283230.25
David Jenkins Enterprises Pty Ltd.X (DJ)	345	1022.82	12783.23	-11760.41	345	1022.82	12783.23	-11760.41
<b>Totals</b>	<b>105176450.74</b>	<b>188205.77</b>	<b>10001117277672.25</b>	<b>-10001117277672.25</b>	<b>105176450.74</b>	<b>188205.77</b>	<b>10001117277672.25</b>	<b>-10001117277672.25</b>

Figure 28: Qty column sorted in Ascending order – eg. Smallest to Largest

Click on this button to change the sort order for the Qty column


	Qty	Sales	Cost	Profit\$	Totals Qty	Totals Sales	Totals Cost	Totals Profit\$
David Jenkins Enterprises Pty Ltd.X (DJ)	345	1022.82	12783.23	-11760.41	345	1022.82	12783.23	-11760.41
Mr Shamus O'Farrell (SF)	318	156127.58	439357.83	-283230.25	318	156127.58	439357.83	-283230.25
David's Company (DS)	190		25954.06	-25954.06	190		25954.06	-25954.06
John Whitbread (JW)	20	860.91		860.91	20	860.91		860.91
A new customer (N)	11	23971.89	1076.8	22895.09	11	23971.89	1076.8	22895.09
Marjorie Kenna AR Customer (MK)	7	299.24	282.6	16.64	7	299.24	282.6	16.64
overseas (OSD)	1	117.33	.01	117.32	1	117.33	.01	117.32
Miss Susie OBriens (99150)	1				1			
London Company (010)	1	956	.01	955.99	1	956	.01	955.99
Cash Test (CASHTEST)	1	4850		4850	1	4850		4850
<b>Totals</b>	<b>105177345.74</b>	<b>188205.77</b>	<b>10001117757126.79</b>	<b>-10001117568921.03</b>	<b>105177345.74</b>	<b>188205.77</b>	<b>10001117757126.79</b>	<b>-10001117568921.02</b>

Figure 29: Qty column sorted in Descending order – eg. Largest to smallest


You will notice that the Qty column has a ↑↓ symbol to the right of the label – this is used to indicate that this column has been sorted.

You can sort **any** other column in the cube using the same procedure

Sort Column in Ascending order eg. Smallest to largest

- Position cursor in **any** cell in the Column to be sorted
- Click on the  Sort Rows button
- Click the ↑ button on the Customer Dimension - the Column will be sorted in ascending order.



Sort Column in Descending order eg. Largest to smallest.

- Position cursor in any cell in the Column to be sorted
- Click on the  Sort Rows button
- Click on the ↓ button on the Customer Dimension - the Column will be sorted in descending order.



You will notice that the column that is sorted has a ↑↓ symbol to the right of the label.

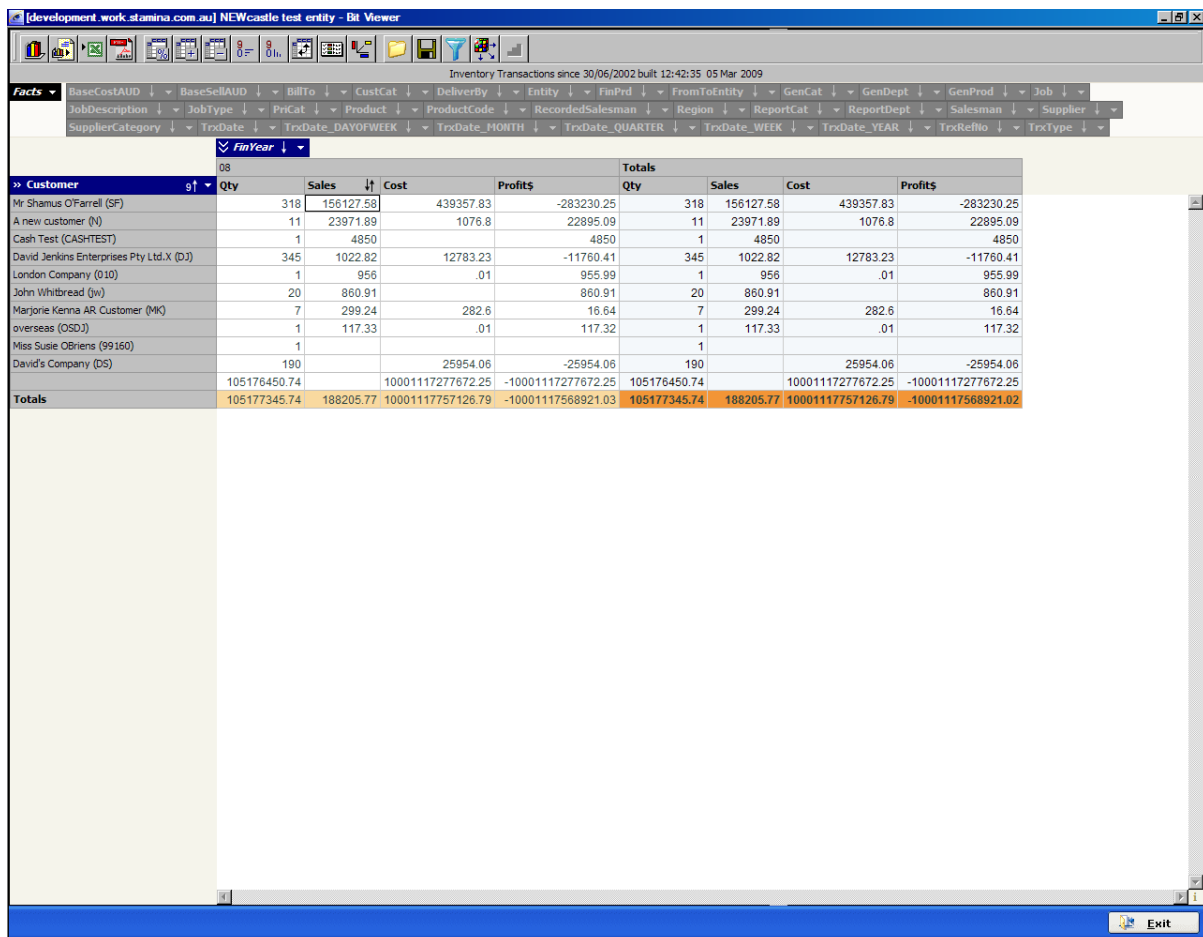
## Sort Sales Column

Sort Sales Column in Ascending order eg. Smallest to largest

- Position cursor in a cell in the Sales Column
- Click on the  Sort Rows button
- Click the  button on the Customer Dimension - the Sales Column will be sorted in ascending order.

Sort Column in Descending order eg. Largest to smallest.

- Position cursor in any cell in the Sales Column
- Click on the  Sort Rows button
- Click on the  button on the Customer Dimension - the Sales Column will be sorted in descending order.



Customer	Qty	Sales	Cost	Profits	Totals Qty	Totals Sales	Totals Cost	Totals Profits
My Shamus O'Farrell (SF)	318	156127.58	439357.83	-283230.25	318	156127.58	439357.83	-283230.25
A new customer (N)	11	23971.89	1076.8	22895.09	11	23971.89	1076.8	22895.09
Cash Test (CASHTEST)	1	4850		4850	1	4850		4850
David Jenkins Enterprises Pty Ltd.X (D.J)	345	1022.82	12783.23	-11760.41	345	1022.82	12783.23	-11760.41
London Company (L10)	1	956	.01	955.99	1	956	.01	955.99
John Whitbread (Jw)	20	860.91		860.91	20	860.91		860.91
Marjorie Kenna AR Customer (MK)	7	299.24		282.6	7	299.24		282.6
overseas (OSD.J)	1	117.33	.01	117.32	1	117.33	.01	117.32
Miss Susie O'Brien (99160)	1				1			
David's Company (DS)	190		25954.06	-25954.06	190		25954.06	-25954.06
<b>Totals</b>	<b>105176450.74</b>	<b>188205.77</b>	<b>10001117277672.25</b>	<b>-10001117277672.25</b>	<b>105176450.74</b>	<b>188205.77</b>	<b>10001117277672.25</b>	<b>-10001117277672.25</b>

Figure 30: Sales column sorted in Descending Order – eg. Largest to Smallest

Inventory Transactions since 30/06/2002 built 12:42:35 05 Mar 2009

BaseCostAUD BaseSellAUD BillTo CustCat DeliverBy Entity FinPrd FromToEntity GenCat GenDept GenProd Job  
 JobDescription JobType PriCat Product ProductCode RecordedSalesman Region ReportCat ReportDept Salesman Supplier  
 SupplierCategory TrxDate TrxDate\_DAYOFWEEK TrxDate\_MONTH TrxDate\_QUARTER TrxDate\_WEEK TrxDate\_YEAR TrxReflio TrxType

FinYear

Customer	Qty	Sales	Cost	Profits	Totals			
					Qty	Sales	Cost	Profits
David's Company (DS)	190		10001117277672.25	-10001117277672.25	190		25954.06	-25954.06
Miss Susie OBriens (99160)	1				1			
overseas (OSD.)	1	117.33	.01	117.32	1	117.33	.01	117.32
Marjorie Kenna AR Customer (MK)	7	299.24	282.6	16.64	7	299.24	282.6	16.64
John Whitbread (JW)	20	860.91		860.91	20	860.91		860.91
London Company (010)	1	956	.01	955.99	1	956	.01	955.99
David Jenkins Enterprises Pty Ltd.X (DJ)	345	1022.82	12783.23	-11760.41	345	1022.82	12783.23	-11760.41
Cash Test (CASHTEST)	1	4850		4850	1	4850		4850
A new customer (N)	11	23971.89	1076.8	22895.09	11	23971.89	1076.8	22895.09
Mr Shamus O'Farrell (SF)	318	156127.58	439357.83	-283230.25	318	156127.58	439357.83	-283230.25
<b>Totals</b>	<b>105177345.74</b>	<b>188205.77</b>	<b>10001117757126.79</b>	<b>-10001117568921.03</b>	<b>105177345.74</b>	<b>188205.77</b>	<b>10001117757126.79</b>	<b>-10001117568921.02</b>

Exit

Figure 31: Sales column sorted in Ascending order – eg. Smallest to Largest