



# New Features in OBIEE 12.2.1.4

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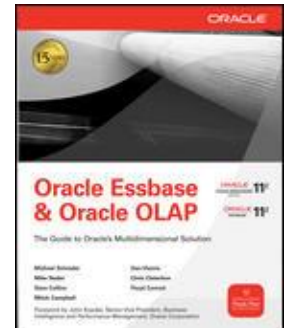
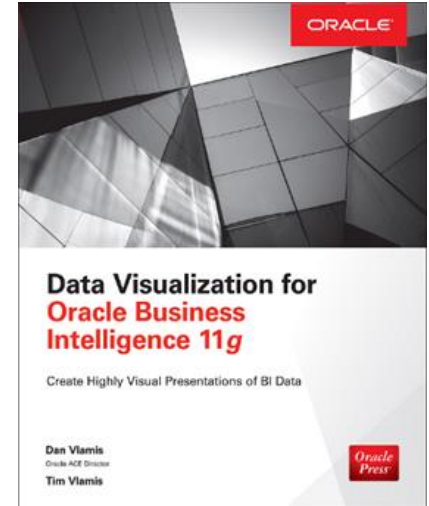
# VlamiS Software Solutions

- VlamiS Software founded in 1992 in Kansas City, Missouri
- Developed 200+ Oracle BI and analytics systems
- Specializes in Oracle-based:
  - Enterprise Business Intelligence & Analytics
  - Analytic Warehousing
  - Data Mining and Predictive Analytics
  - Data Visualization
- Multiple Oracle ACEs, consultants average 15+ years
- [www.vlamiS.com](http://www.vlamiS.com) (blog, papers, newsletters, services)
- Co-authors of book “Data Visualization for OBI”
- Co-author of book “Oracle Essbase & Oracle OLAP”
- Oracle University Reseller
- Oracle Gold Partner

 EDUCATION RESELLER

 Gold  
Partner

Specialized  
Oracle Business Intelligence  
Foundation Suite 11g





# OBIEE, BICS, DVD, OAC New Features Webcasts

- 11.1.1.3 (August 2010)
  - Huge release with major new functionality
- 11.1.1.5 (May 2011)
  - BIWA TechCast May 25: [Oracle BI 11.1.1.5 - New Features](#)
- 11.1.1.6 (February 2012)
  - BIWA TechCast Feb 29: [Oracle BI 11.1.1.6 New Features](#)
  - New features mostly for Exalytics
- 11.1.1.6.2 and 11.1.1.6.2 BP1 (May 2012 and June 2012)
  - BIWA TechCast Aug 1: [Oracle BI 11.1.1.6.2 BP1 New Features](#)
  - Trellis Views
- 11.1.1.7 (April 2013)
  - BIWA TechCast Apr 5 [Oracle BI 11.1.1.7 New Features](#)
  - Freeze headers/scroll bars for tables and pivot tables
  - View content in SmartView in Excel and enhanced export
  - New Oracle R Enterprise (ORE) integration and capabilities
- 11.1.1.9 (May 2015)
  - BIWA TechCast Jun 4, 2015 [Oracle BI 11.1.1.9 New Features](#)
  - Search in Subject Areas pane
  - Global variables and Save Column As choice in Criteria tab
- 12.2.1 (October 2015)
  - BIWA TechCast Nov 19, 2015 [Oracle BI 12.2.1 New Features](#)
- BICS March 2016 (March 2016)
  - Webcast Apr 5, 2016 BICS [BICS March 2016 New Features](#)
- 12.2.1.1 (June 2016)
  - BIWA TechCast Jul 19, 2016 [Oracle BI 12.2.1.1 New Features](#)
- 12.2.1.2 and DVD 2.0 (October 2016)
  - Webcast Nov 22, 2016 [DVD 12.2.2 and OBIEE 12.2.1.2. New Features](#)
- DVD 3.0 (June 2017)
  - Webcast Aug 29, 2017 [DVD 3.0 New Features](#)
- DVD 4 (October 2017)
  - Webcast Nov 9, 2017 [DVD 4 New Features](#)
  - New Home Page and New Visualization control experience
  - New column controls for date/time, auto-binning
  - New narrate experience
  - New data flow steps, including create Essbase cube step
  - Machine learning
- OAC 4 (December 2017)
  - Webcast Dec 19, 2017 [OAC 4 New Features](#)
  - Webcast Apr 4, 2018 [Migration from OBIEE to OAC Webinar](#)
- 12.2.1.4 (June 2018)
  - Webcast Jun 19, 2018 [Oracle BI 12.2.1.4 New Features](#)

All listed on website at <http://www.vlami.com/obiwebinars/>



# Use Questions or Chat or Questions to communicate

Oracle Business Intelligence X

www.vlamiis.com/obiwebinars/

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## Presentations

Presentations 2018  
Presentations 2017  
Presentations 2016  
Presentations 2015  
Presentations 2014  
Presentations 2013  
Presentations 2012  
Presentations 2011  
Presentations 2010  
Presentations 2009  
Presentations 2008  
Presentations 2007  
Presentations 2006  
Presentations 2005  
Presentations 2004  
Presentations 2003  
Presentations 2002  
Presentations 2001

## Oracle Business Intelligence Webinars

### 2018

- OAC 4
  - [Webcast January 16: Registration now open!](#)
    - Data limit truncation warnings
    - Narrate enhancements for groups
    - Data flow enhancements
      - Sequences for Data flows
      - Data flow scheduling
      - Renaming steps
      - Create Essbase cube step
      - BI Publisher consuming XSAs
    - Essbase new features
    - Admin / Console new features
      - Content embedding
      - Data replication
      - Email deliverables
      - Map Viewer console
      - Import / export TCM models

**Oracle Business Intelligence Webinars**

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Stopped No one sees your screen

Show Screen Stop Showing Screen Give Keyboard & Mouse Change Presenter

Start Recording 5.9 GB remaining [Settings](#)

Audio  
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Questions  
☒ Show Answered Questions

X	Question	Asker

Send Privately Send to All

Chat  
**Me (to All - Entire Audience):**  
12:53 PM: Test chat here

All - Entire Audience Send

Seeing is Believing  
Webinar ID: 641-563-843  
**GoToWebinar**



# OBIEE & OAC Differences

## OBIEE

- Runs on premise
  - Can run “up in the cloud”
  - Customer administers
- Pay extra for DV interface
- RPD file to map tables to subject areas
- Includes Actionable Intelligence
- Pay for license and support
- Still around, but less emphasis
- Annual releases
- Includes BI Mobile App Designer, Scorecard, Marketing, BI Composer

## OAC

- Runs on Oracle Cloud
  - Can run on “cloud at customer”
  - Have private instance (unlike BICS)
- Includes DV interface
- RPD or new thin client modeler to map tables to subject areas
- Latest has Actionable Intelligence
- Pay by the hour or month
- Oracle is concentrating on OAC
- Monthly/Quarterly releases
- Includes Day by Day for mobile, Machine Learning

See presentation [Migration from OBIEE to OAC Webinar](#) for more information

# OBIEE 12.2.1.4 Functional New Features Overview

## A. Data Visualizations

1. New Home Page + UI Refresh and ASK
  - a) \*Drag spreadsheet to home page, canvas
2. New Visualizations and experience
  - a) Graphical confidence levels
  - b) Top & Bottom N Filtering
  - c) Waterfall and Boxplot
  - d) Duplicating and reordering canvas (see below)
  - e) Chart & Axis layout additional options
3. New Viz control experience
  - a) \*Properties Pane,
  - b) \*Copy/Paste/Duplicate,
  - c) \*Pin Filter to all Canvases
  - d) \*Data Actions
4. New Column Controls
  - a) \*Date/Time level set & switch
  - b) Show metric as a percentage
  - c) \*Auto-Binning metrics used as Categories
  - d) Automatic Number Type
5. New Project control Features
  - a) Rename Connection or Data Source
  - b) Unrelated data sources in a project
  - c) Data Limit Truncation Warnings

d) Simplified Project Permissions

6. \*New Narrate experience

## B. Data-flows

7. New Steps
  - a) Merge Rows Step (Set Operator)
  - b) \*Binning Step
  - c) \*Grouping Step new UI
  - d) Cumulative Aggregate Step
  - e) \*Filter Step
8. Sequences for Data-flows
9. Customize Name/Description of a step
10. Data Flow UI
  - a) Improved flow-chart UI
  - b) Deliver DF output to remote connection

## C. New Data Sources

11. Generic ODBC and JDBC support
12. OBIEE remote subject areas or analyses as data source
13. Additional txt sources delimiters, undo in query builder

14. Lots of new data sources vs 12.2.1.1.

## D. BI Publisher

15. View job priority in Report Job history page
16. For BI Pub Report Designers:
  - a) Manage priorities
  - b) New functions, commands in eText template
  - c) Generate to CSV files
  - d) Output to PDF/A-1B or PDF/A-2B
  - e) Lost of other little features

## E. Admin / Console

17. Embedding DV Content via debug on DV
18. Custom plugin loader
19. Manage Themes – customize UI
20. Caption files (localization of catalog)

\* Shown as part of DVD4 What's New Webcast  
To be demoed in OBIEE 12.2.1.4 What's New Webcast

# 1 - New Home Page + UI Refresh

Full, more end-user intuitive Alta-based UI refresh

Data Visualization Desktop

Home

Data Visualization

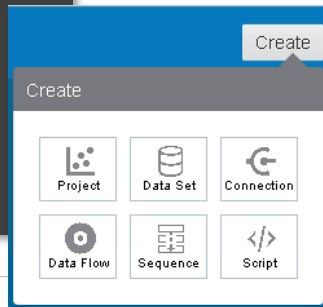
Projects

Data

Machine Learning

Console

New adaptive home page with self evolving content based on specific usage of DV



What are you interested in?

What's New



Find things in your catalog  
"Marketing Analysis"



Visualize data  
"Revenue by Product"

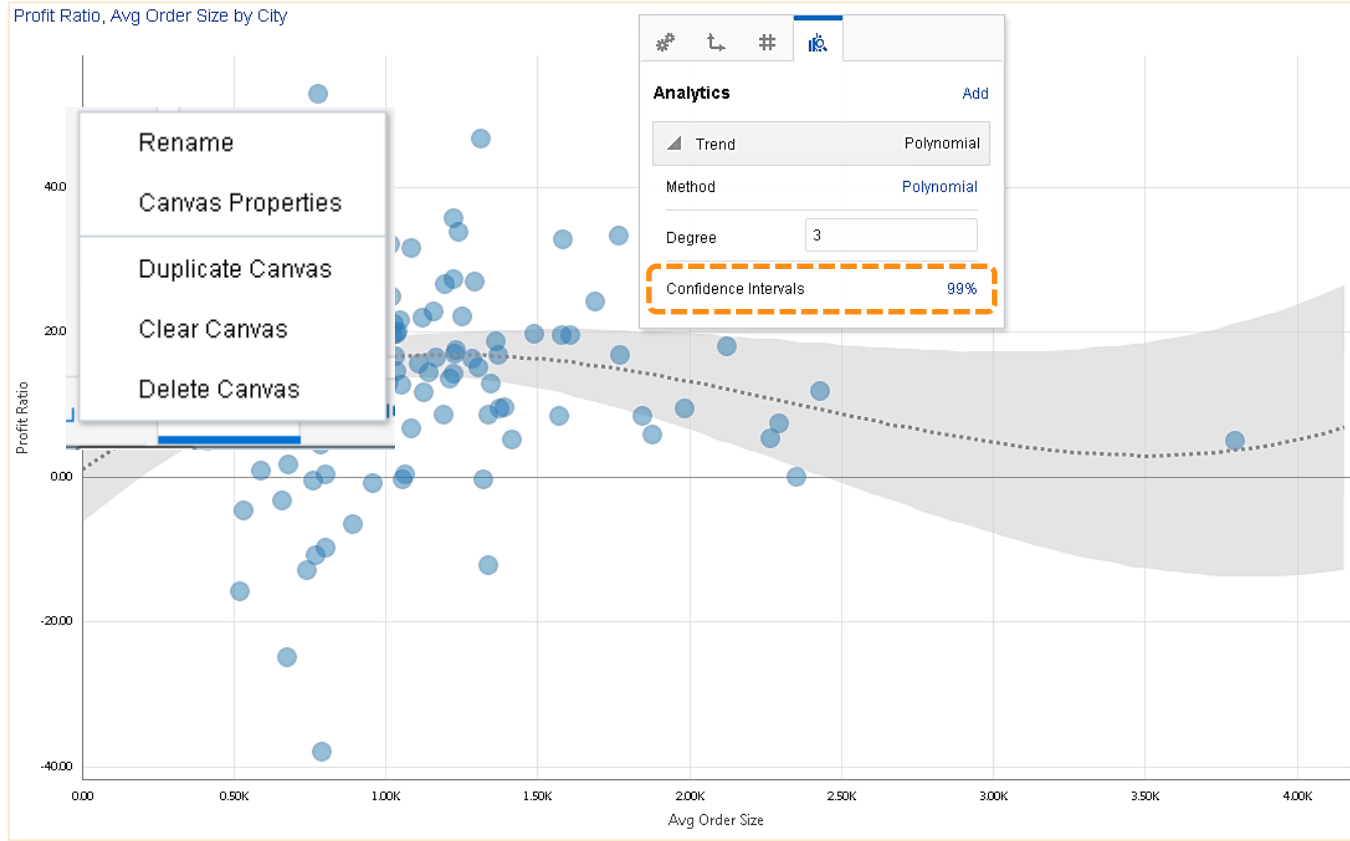


Find sources of data  
"Financial Data"

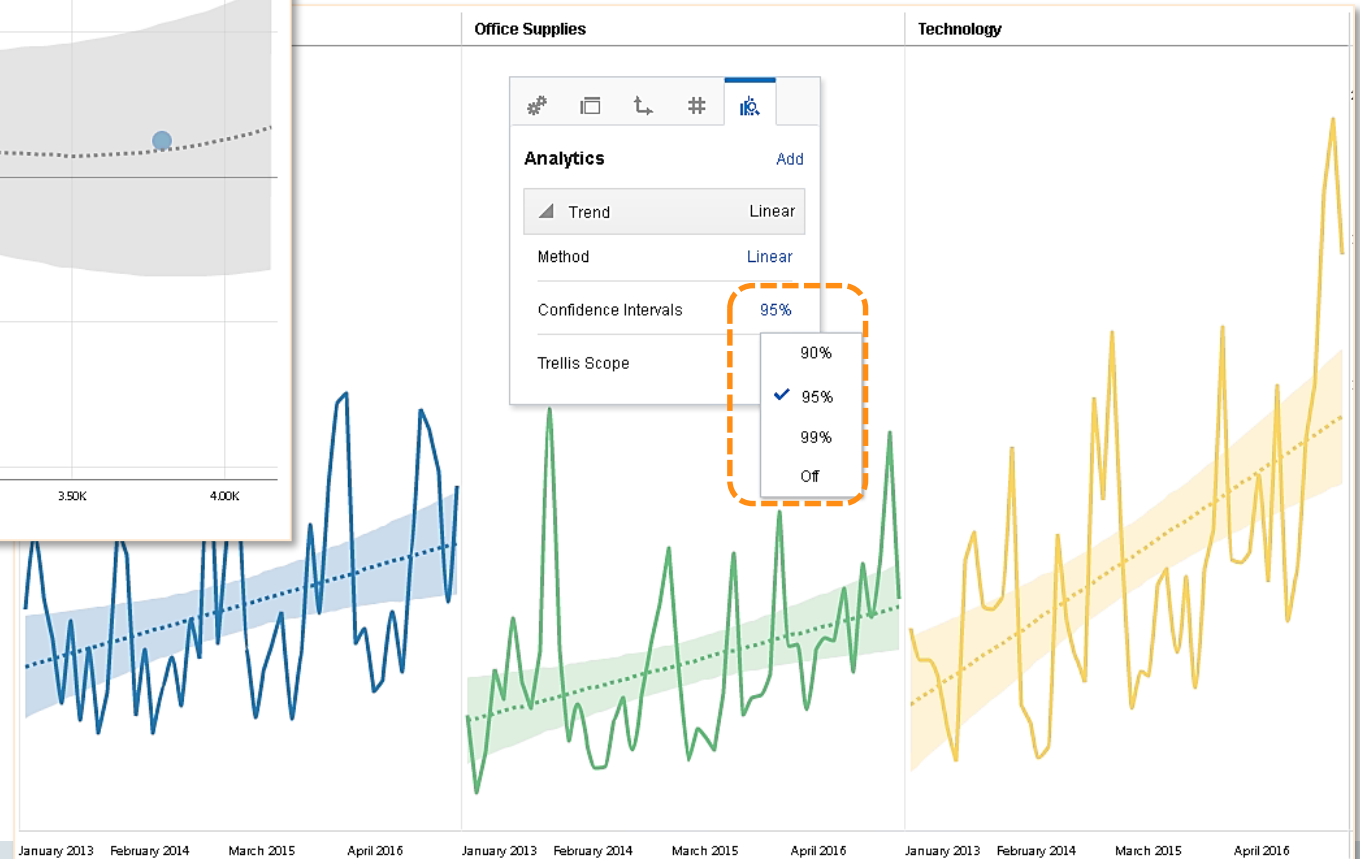
With Oracle Ask you can type:



## 2 - Graphical confidence levels

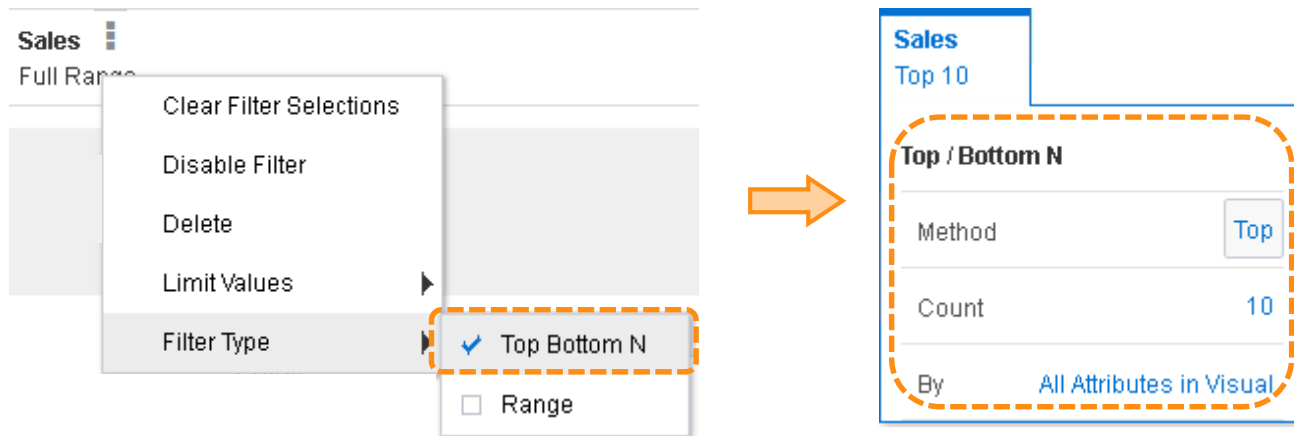
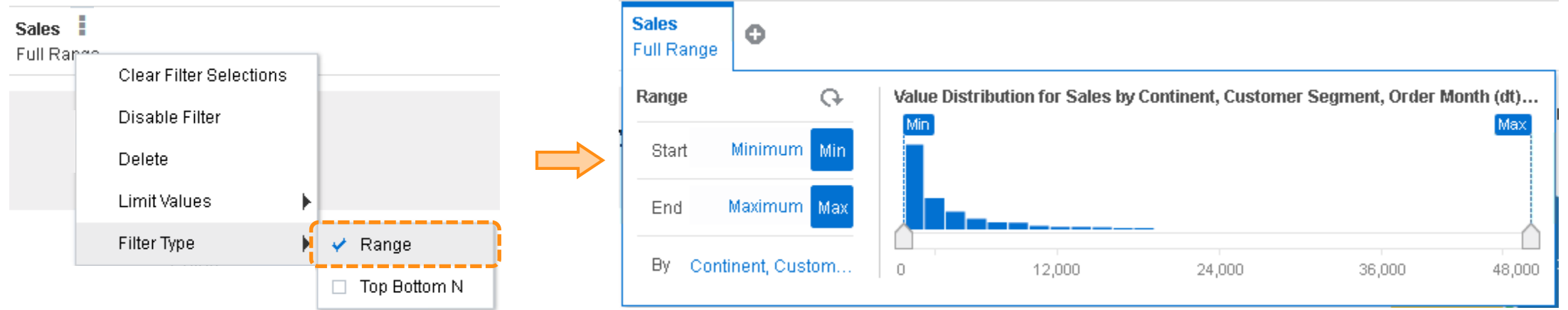


Set the confidence level directly on right-click menu for trend lines



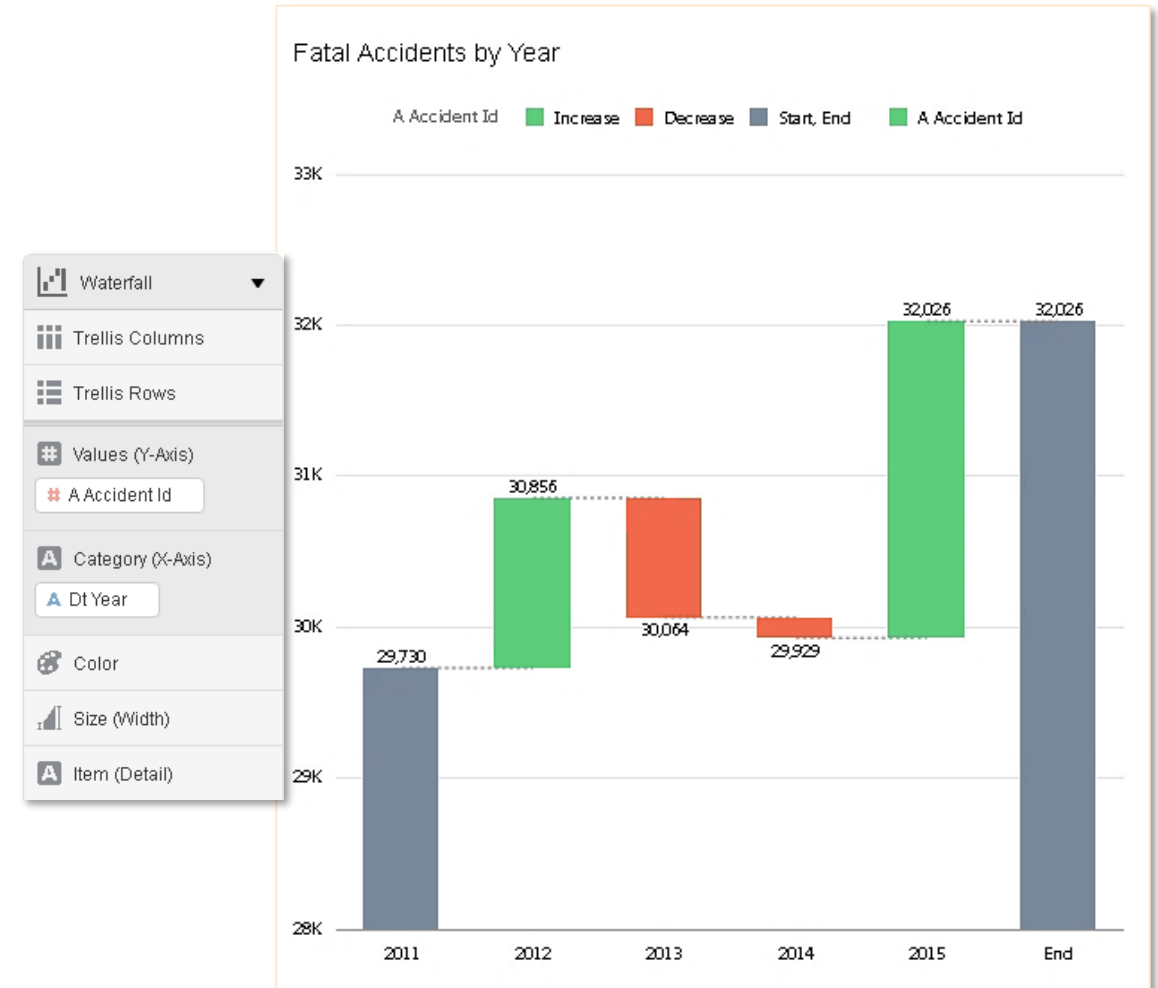
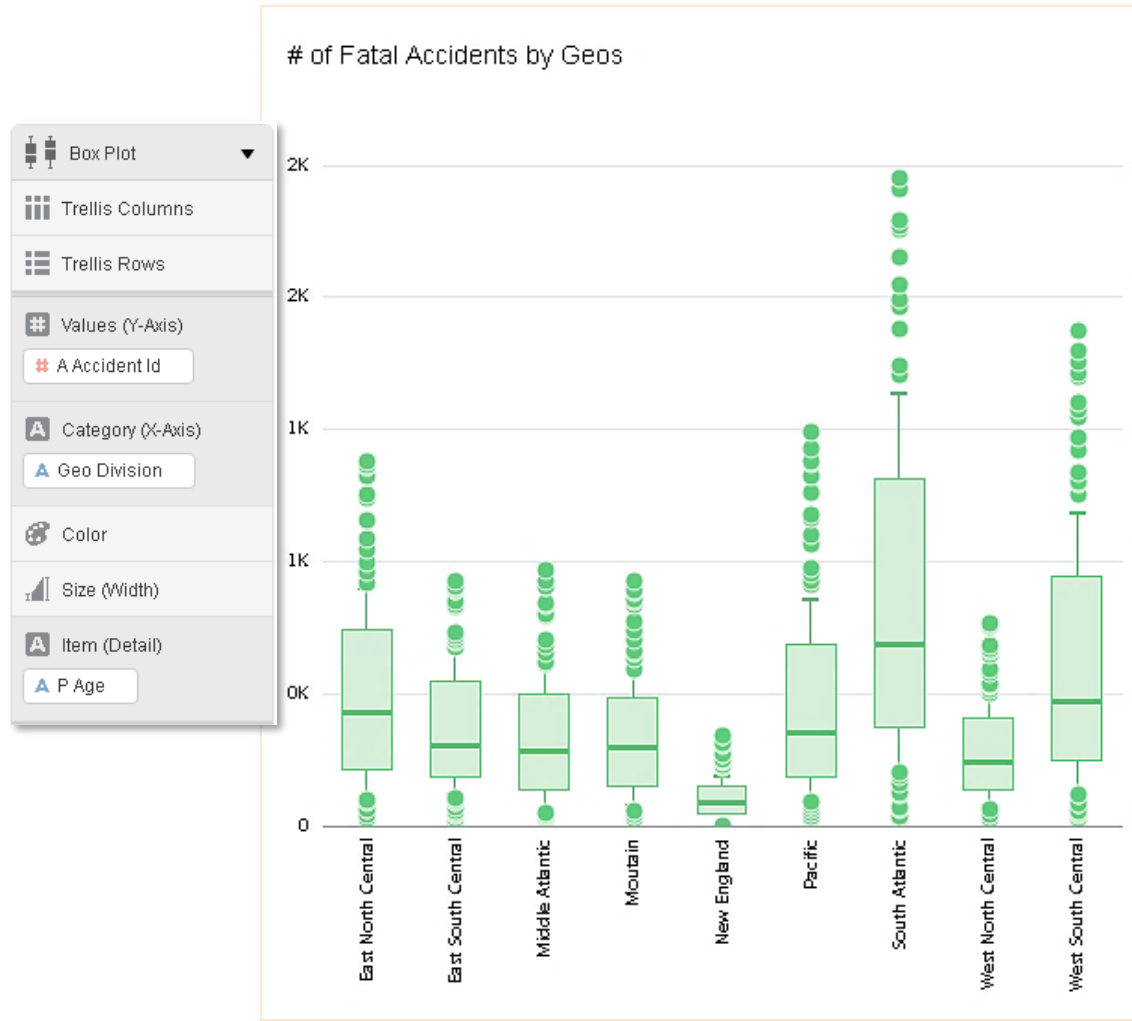


## 2 - Top & Bottom N Filtering

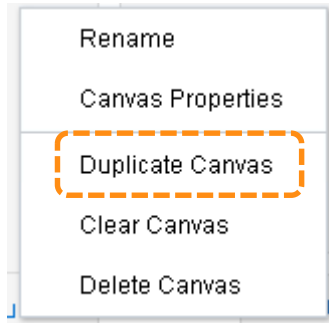


Switch between Range filtering and Top/Bottom filtering mode

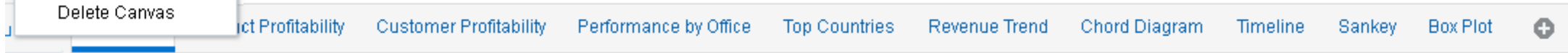
## 2 - New Waterfall & Boxplot Visualizations



## 2 - Duplicating & re-ordering canvases



Duplicate into a new Canvas  
with all the source content



Drag and drop Canvases to re-order them in any sequence



## 2 - Chart & Axis layout additional options

**Axis**

Labels Axis

Values Axis

Title Custom

Sales

Start Start

End End

Labels On

Logarithmic Scale Off

Secondary Values Axis

Show / Hide lines & points,

Show / Hide axis graduation labels,  
Enable logarithmic scale

**General**

Title Custom

Profit Ratio (line) by top Sales (ba)

Type Combo

Line Type Straight

Show Points

Legend

- ✓ Straight
- Curved
- Stepped
- Center Stepped
- Segmented
- Center Segmented
- None

Select centered or left-aligned steps/segments

## 3 – New Viz Controls : Properties Pane for Columns and Viz

**Data Elements**

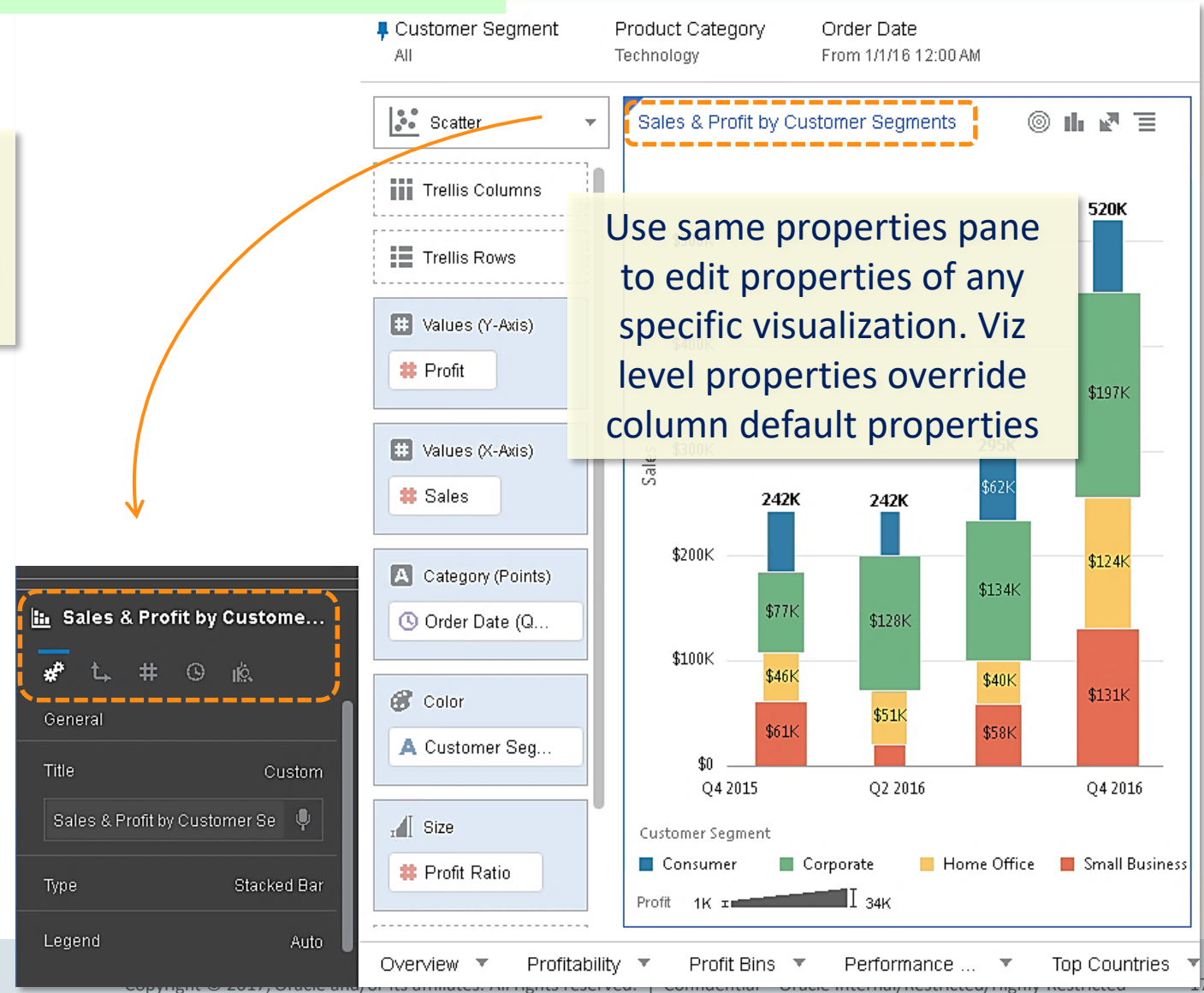
- Product Container
- Product Name
- Profit
- Quantity Ordered
- Sales
- Discount**
- Gross Unit Price
- Shipping Cost
- Ship Mode
- Ship Date
- Order Date
- {Row Count}
- Sample States
- My Calculations
- Value Labels

**Discount**

General

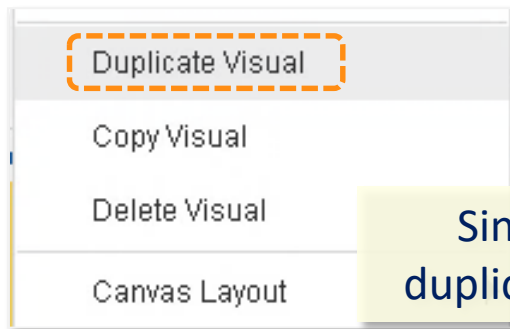
Name	Discount
TreatAs	Measure
Data Type	Double
Aggregation	Sum

Use properties pane to edit default properties of any object (Type, Agg rule, format, level...)

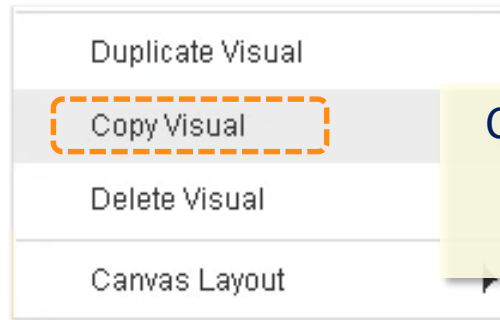


Use same properties pane to edit properties of any specific visualization. Viz level properties override column default properties

# 3 – Cross Canvas Copy/Paste, Viz Duplication Pin/Un-pin filter to all Canvases

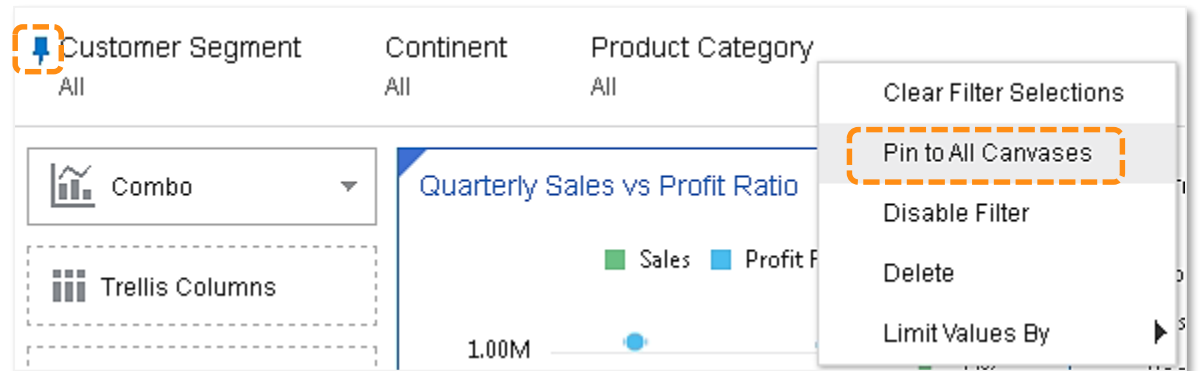


Single Click  
duplicate-visuals



Copy paste any visual  
from one canvas to  
another canvas

Pin or un-pin single filter for whole  
project or for a single canvas



# 3 - Data Actions

**1**

- Project Properties
- Canvas Properties
- Data Actions**
- Synchronize Visualizations
- Refresh Data
- Refresh Data Sets
- Reset Colors
- Clear Canvas
- Create New Project
- Revert to Saved
- Debug

**2**

Project Properties

Actions

▲ Navigate to details by Office

Name: Navigate to details by Office

Type: Canvas

Anchor To: Product Category

Project: This Project

Canvas: Performance by Office

Pass Values: All

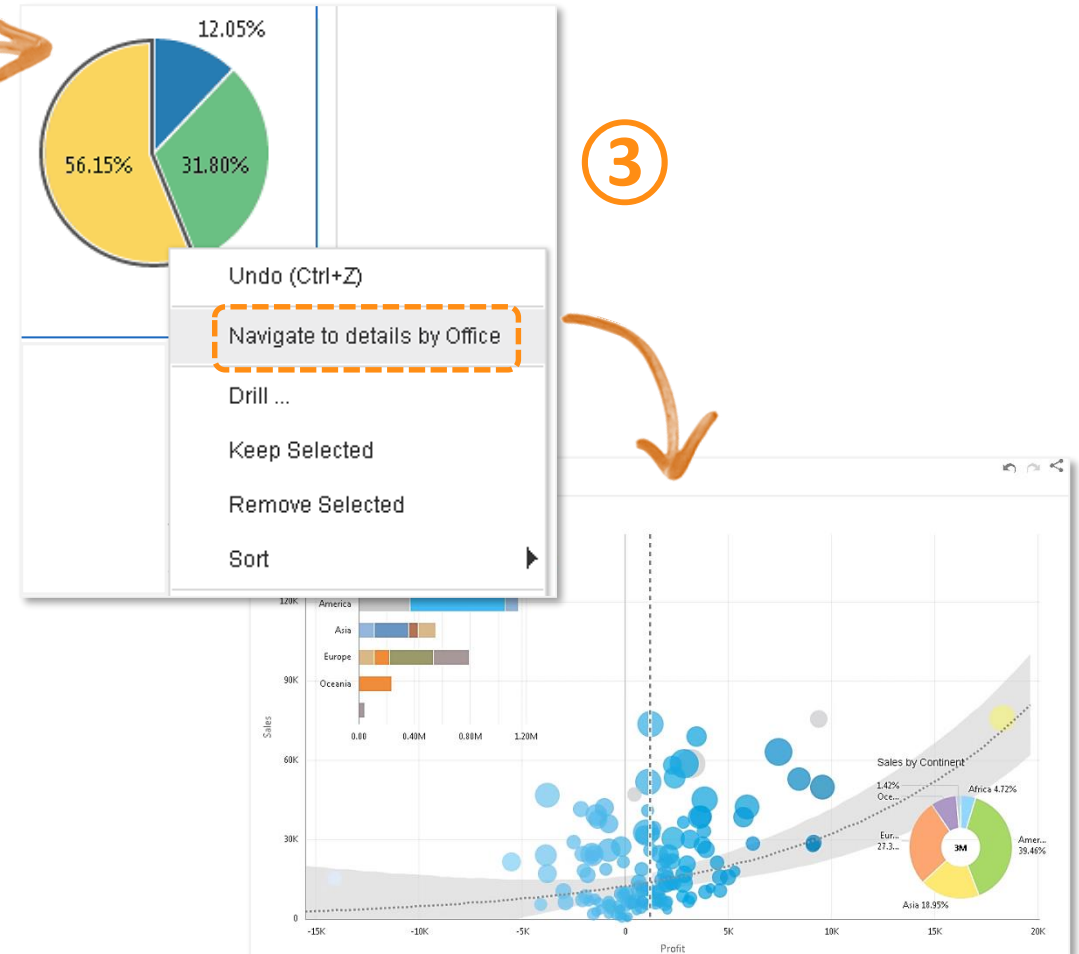
URL

- ✓ Canvas

OK Cancel

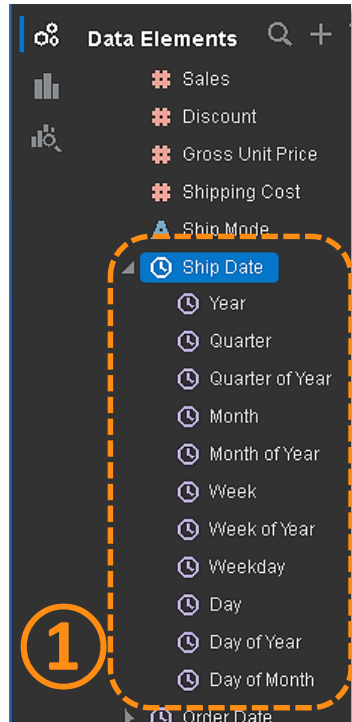
A column can navigate to URLs or canvas pages passing contextual values

Configure multiple Navigation targets for each column object in your project.

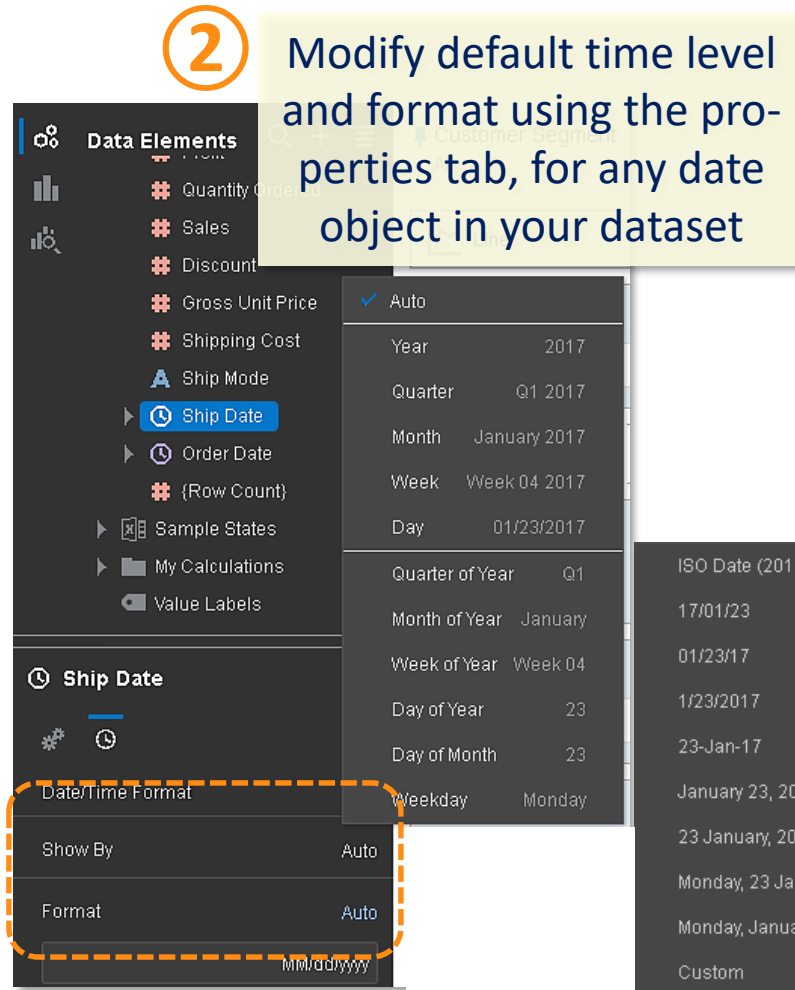




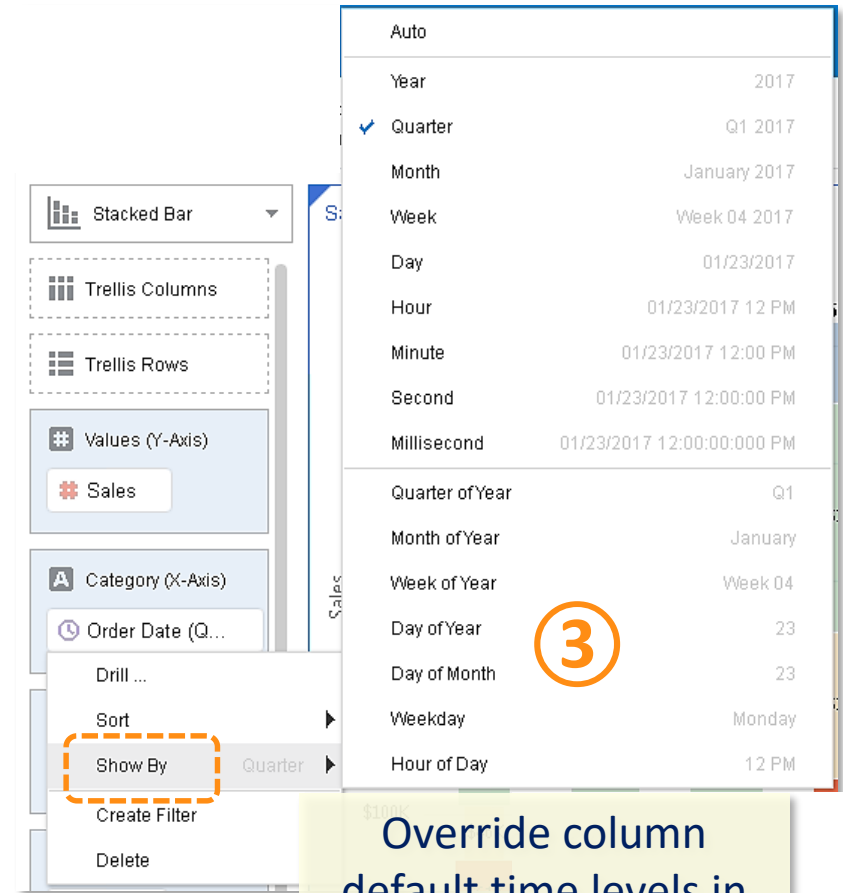
# 4 – New Columns Control : Date/Time level set & switch



Time level options show by default for any single time object in your data-set.

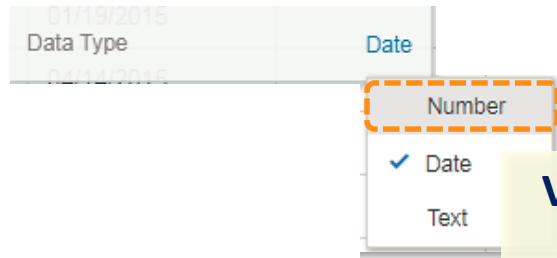


Modify default time level and format using the properties tab, for any date object in your dataset

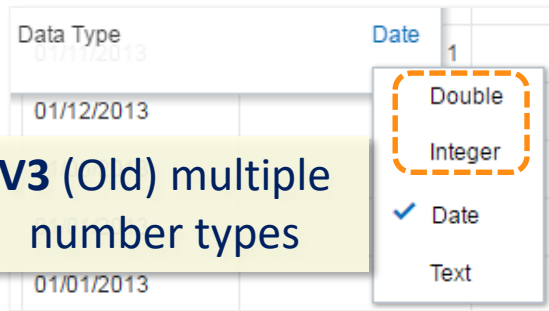


Override column default time levels in each visualization

## 4 – New Columns Control : Show as percent of column, Automatic Number Type



**V4** single Number data Type



**V3 (Old)** multiple number types

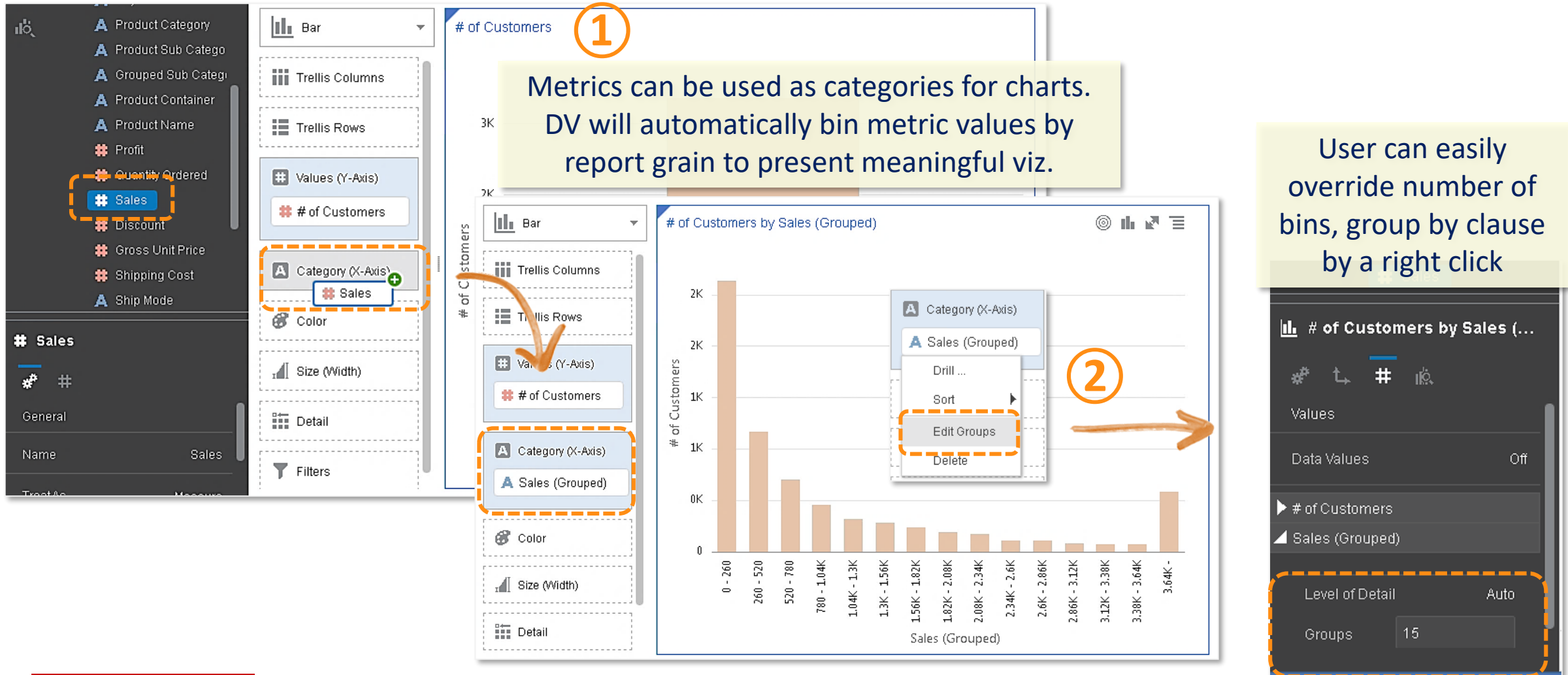
The screenshot shows the Oracle BI interface. On the right, a pivot table titled 'Sales, # of Order Lines by Product Sub Category, S' is displayed. The table has columns for 'Sales' and '# of Order Lines'. The rows are categorized by 'Product Sub Category'. The table data is as follows:

	January 2013	
	Sales	# of Order Lines
Appliances	0.06%	11
Binders and Binder Accessories	0.09%	13
Bookcases	0.19%	5
Chairs & Chair Mats	0.35%	15
Computer Peripherals	0.03%	12
Labels	0.07%	3
Office Furnishings	0.01%	5
Office Machines	0.01%	6
	0.10%	19
	0.37%	12
	0.03%	25
	0.02%	20
	0.00%	4
Trimmers	0.00%	1
n	0.10%	11

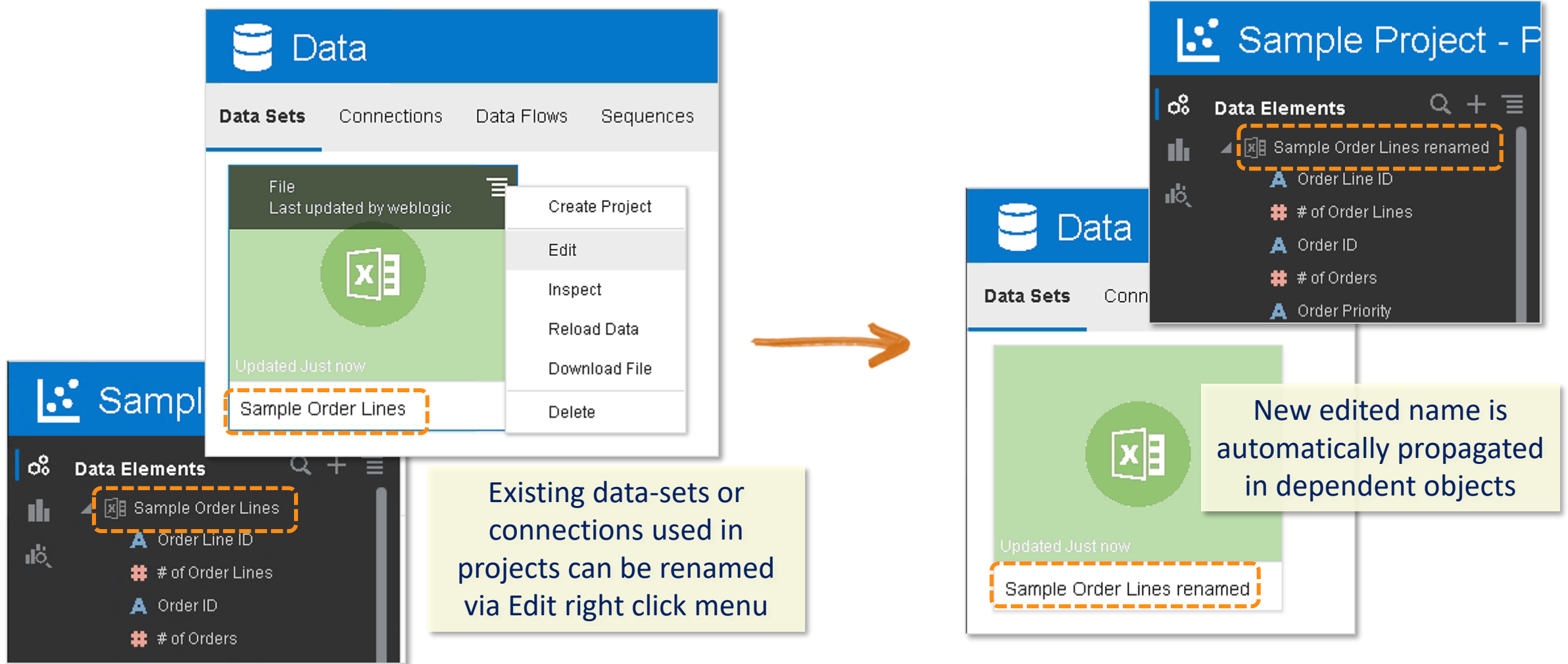
On the left, the 'Columns' control panel is visible. It shows the 'Ship Dat...' field. Below it, the 'Rows' control panel shows the 'Product ...' field. The 'Values' control panel shows the 'Sales' and '# of Ord...' fields. The 'Display As' dropdown is set to 'Percent Of'. The 'Percent Of' dropdown is set to 'Value'. The 'Number Format' dropdown is set to 'Auto'. The 'Color' dropdown is set to 'All Values'. The 'Size' dropdown is set to 'Column Values'. The 'Shape' dropdown is set to 'Row Values'. The 'Product Sub Category' dropdown is set to 'Product Sub Category'. The 'Ship Date (Month)' dropdown is set to 'Ship Date (Month)'.

Single click show values as percent of Rows/Columns/Subtotals in Pivot Tables

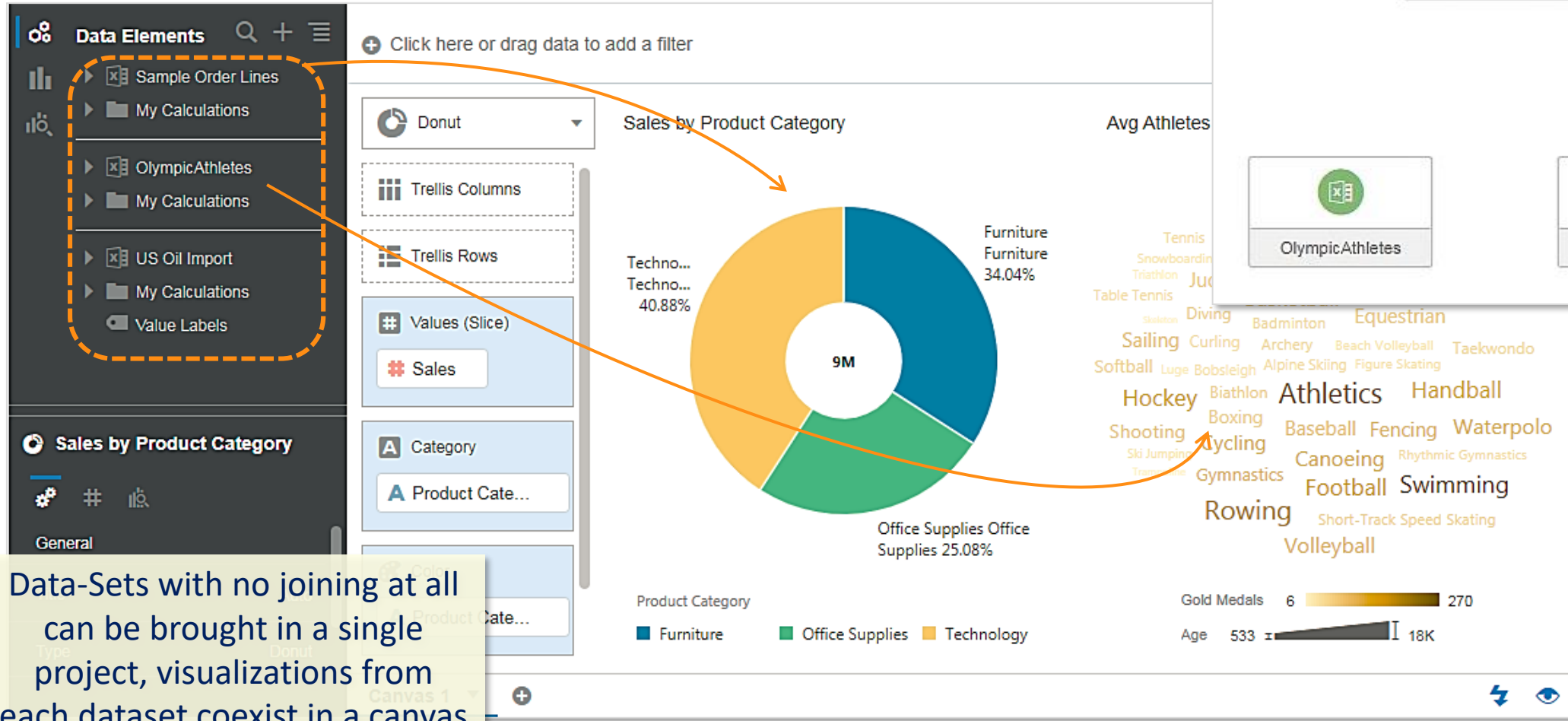
# 4 – New Columns Control : Auto-Binning of metrics when used as Categories



## 5 – New Projects control features : Data Set / Connections renaming



# 5 – New Projects control features : Unrelated data sources in a project



# 5 – New Projects control features : Simplified Project Permissions, Data Limit Truncation Warnings

Test\_Permission

General

Permissions

Users & Roles

Add

Members	Permission
BI Content Author	Can View
biconsumeruser	Can Edit
dvauthoruser	Can View
admin	Can Edit

OKCancel

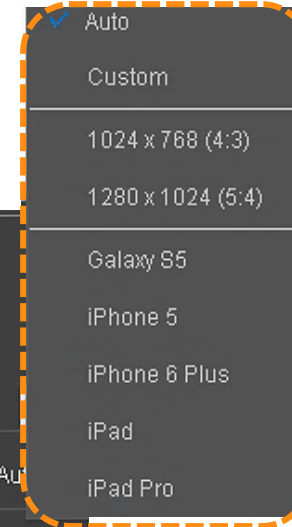
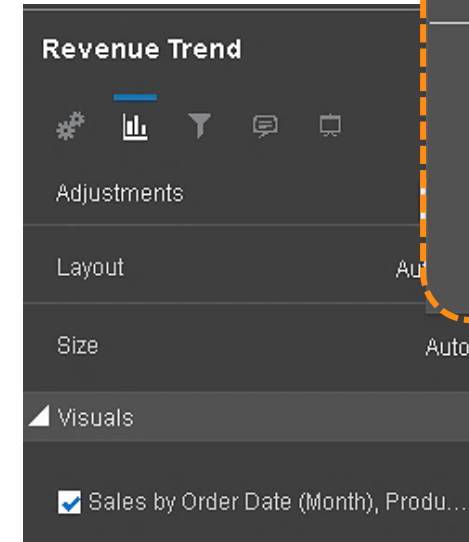
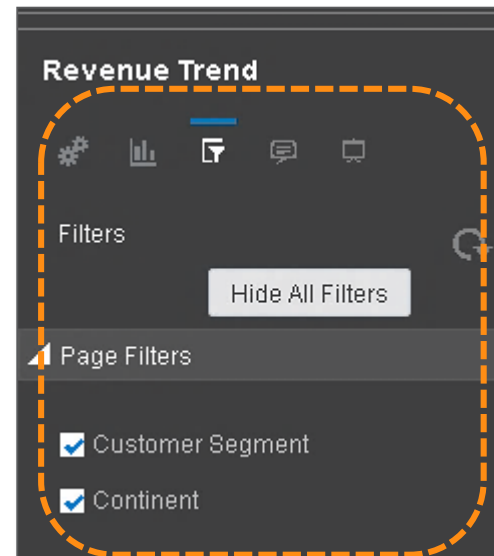
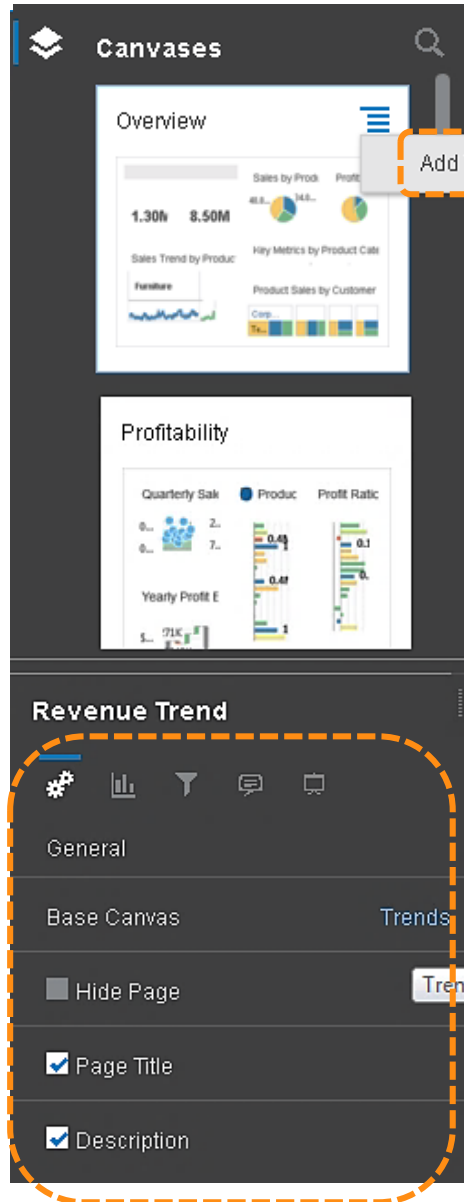
Fine project permissioning can be set from project inspect menu

Sales by Order Date

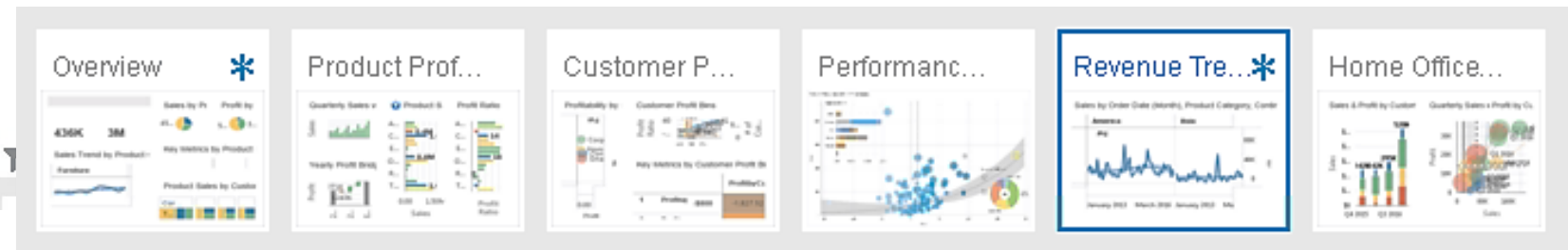
Data sampling was applied due to the large quantity of data. Please filter your data. The limit of 1000 categories was exceeded.

Automatic warning of data sampling when member values are over specific views limit

# 6 – New Narrate Experience

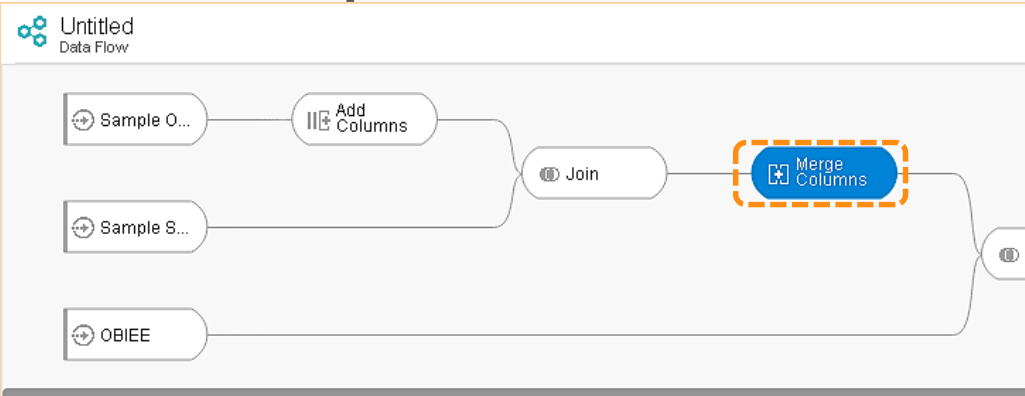


Enhanced Story-telling /  
Narrate experience with  
deeper control over  
user annotations and  
rendering formats





# 7 - Data Flow Merge column and other expressions



## Merge Columns

Name: State - City Merged

Merge: State

With: City

+

Delimiter: Dash (-)

Order Line ID	# of Order Lines	Order ID	# of Orders	Order Priority	Customer ID	# of Customers	Customer Name
1001	1001	88934	88934	Not Specified	382	382	Wesley Dudley
1002	1002	88934	88934	Not Specified	382	382	Wesley Dudley
1005	1005	88931	88931	High	383	383	Renee Alston

New Function to merge multiple columns into a single column

The screenshot shows the Oracle Data Flow interface. The top part displays a workflow with nodes: Sample O..., Add Columns, Sample S..., Join, Merge Columns, and Save Data. The bottom part shows the 'Calculate' expression editor. The 'Name' field is 'Quantity Decile'. The expression is 'NTILE(Quantity Ordered, 10)'. The 'Validate' button is visible. On the right, a search bar shows 'Aggregate' and 'NTile Percentile' is selected.

New aggregation calculations available in expression editor

## Data Flow Steps



Add Data



Join



Merge Rows



Filter



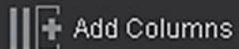
Aggregate



Save Data Set



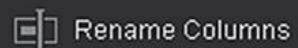
Create Essbase Cube



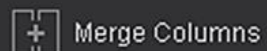
Add Columns



Select Columns



Rename Columns



Merge Columns



Bin

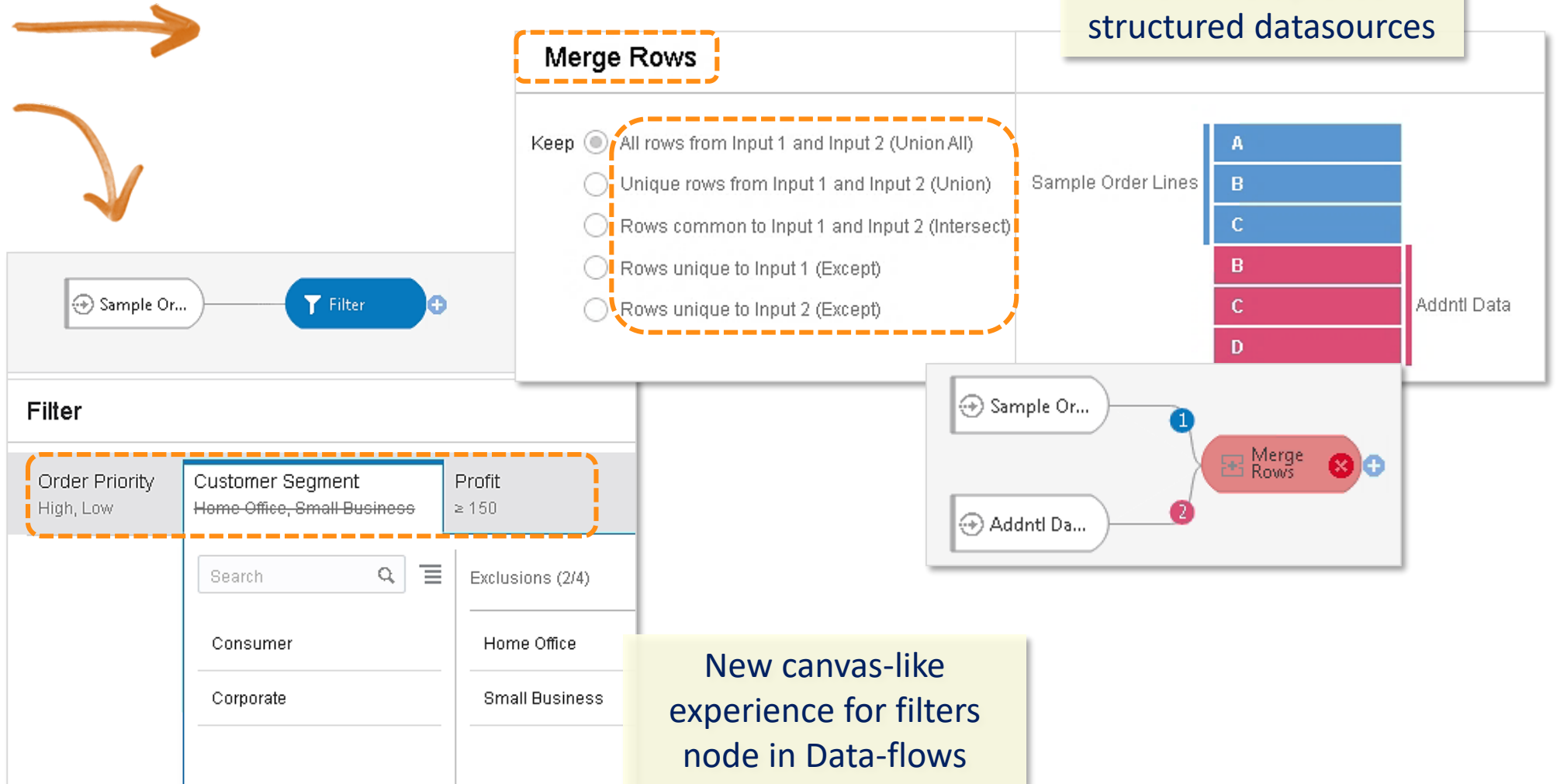


Group



Cumulative Value

# 7 – Data-flows : New Merge-rows step (union), enhanced filtering



## Data Flow Steps



Add Data



Join



Merge Rows



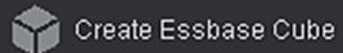
Filter



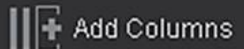
Aggregate



Save Data Set



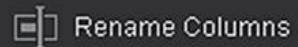
Create Essbase Cube



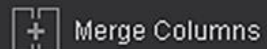
Add Columns



Select Columns



Rename Columns



Merge Columns



Bin



Group



Cumulative Value

# 7 – Data-flows : New Binning Step

New wizard-UI node to bin granular data in Data-flows

Sample Or... Bin

Bin Sales

New element name Bin Name

Number of bins 4

Method Manual

Range Histogram

Sample Or... Bin

Bin

Bin Sales

New element name Bin Name

Range List

Bin1	Minimum to	752
Bin2	> 752 to	2,401
Bin3	> 2401 to	3,602
Bin4	> 3602	

Customize bin width manually or by moving sliders

## Data Flow Steps



Add Data



Join



Merge Rows



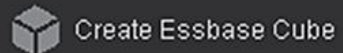
Filter



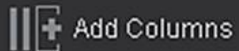
Aggregate



Save Data Set



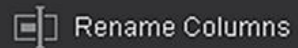
Create Essbase Cube



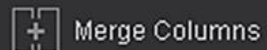
Add Columns



Select Columns



Rename Columns



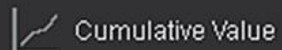
Merge Columns



Bin



Group



Cumulative Value

# 7 – Data-flows : New Create Group Step

Sample Or... Group

New wizard-UI node for grouping dimension members values in Data-flows

### Group

+ Group Customer Segment Name New Group ☐ Include Others

Group 1 Consumer	Search	Selections (1/4)
<input checked="" type="checkbox"/>	Consumer	Consumer
<input type="checkbox"/>	Corporate	
<input type="checkbox"/>	Home Office	
<input type="checkbox"/>	Small Business	

Add all Remove all

Group 1 (1/4)	
Group 1 (1/4)	
Corporate	
Home Office	
Small Business	

## Data Flow Steps



Add Data



Join



Merge Rows



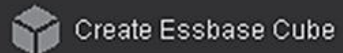
Filter



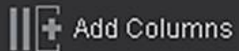
Aggregate



Save Data Set



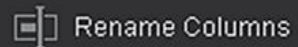
Create Essbase Cube



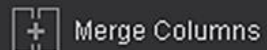
Add Columns



Select Columns



Rename Columns



Merge Columns



Bin



Group



Cumulative Value

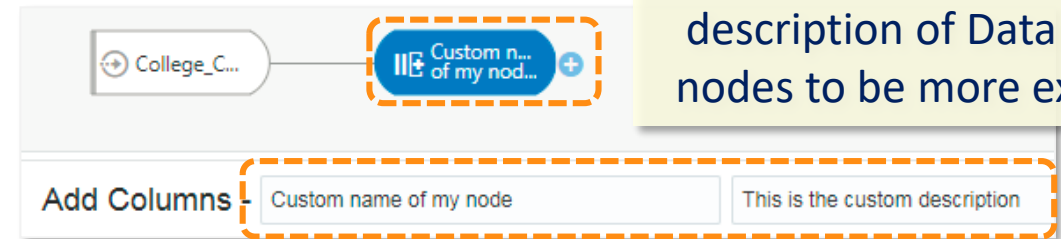
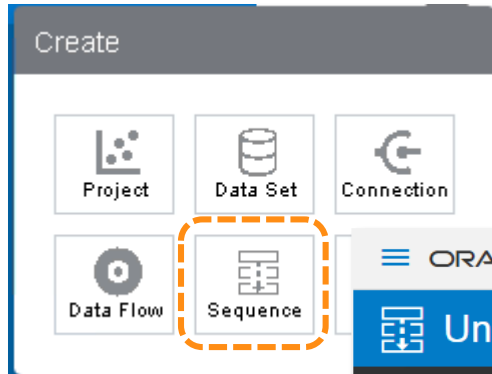
# 7 – Data-flows : New Cumulative Value Step

The screenshot displays the Data-flow interface with the following components:

- Top Bar:** A 'Sample Or...' button is connected to a 'Cumulative Value' button, which is highlighted with an orange dashed border.
- Aggregate Section:** A table with columns 'Function', 'Rows', and 'New column name'. The first row shows 'Sales' as the input, 'Moving Sum' as the function, '5' as the number of rows, and 'Sales Moving Sum' as the output. The 'Aggregate' label is highlighted with an orange dashed border.
- Sort By Section:** A table with columns 'Sort Column' and 'Sort Order'. The first row shows 'Customer ID' as the sort column and 'A-Z' as the sort order. The 'Sort By' label is highlighted with an orange dashed border.
- Restart for each Section:** A table with columns 'Restart Column'. The first row shows 'Customer Segment' as the restart column. The 'Restart for each' label is highlighted with an orange dashed border.
- Function Menu:** A dropdown menu is open, showing options: 'Moving Average', 'Moving Sum' (highlighted), 'Running Sum', 'Running Count', 'Running Min', and 'Running Max'.
- Annotation:** A yellow box on the right contains the text: 'A new node to create rolling or moving aggregates in Data-flows'.

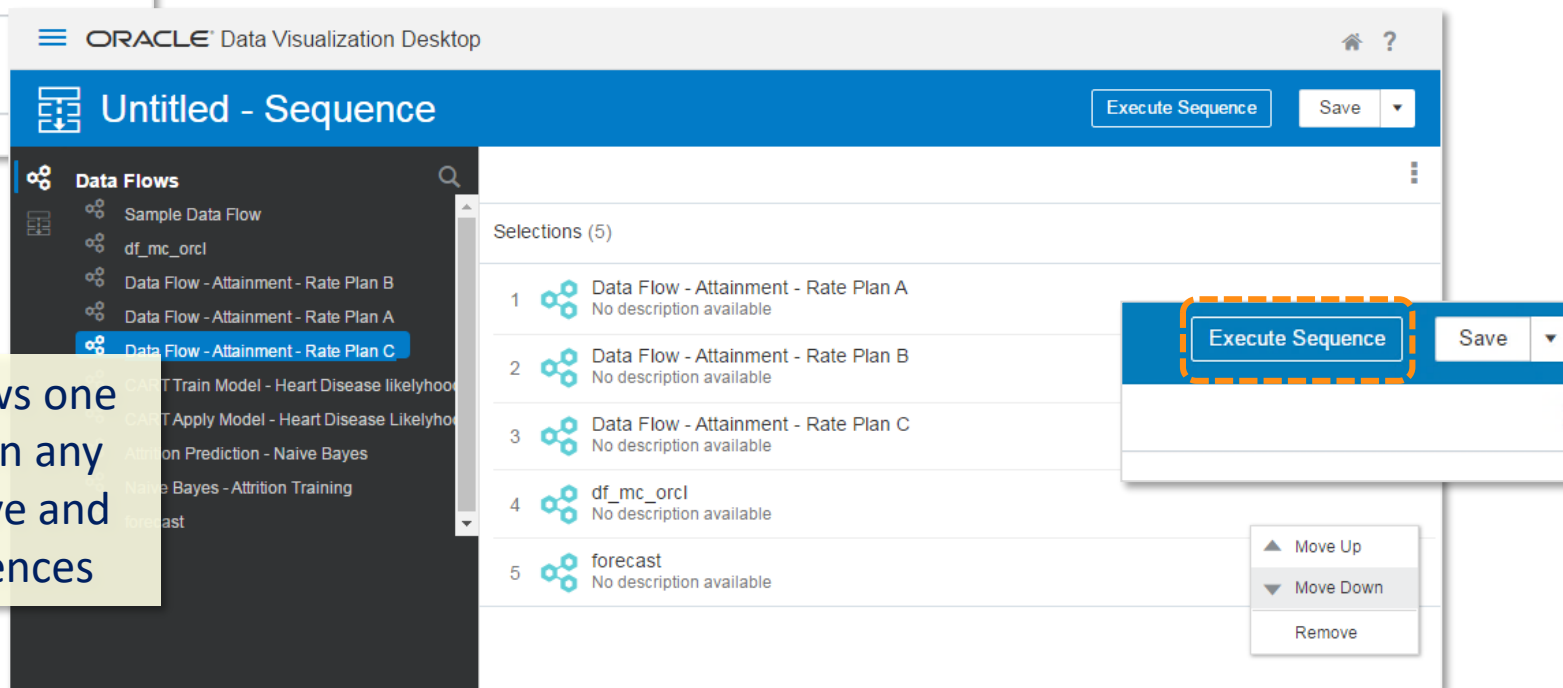
# 8 & 9 – Data-flows Sequences

## Data-flows step custom renaming

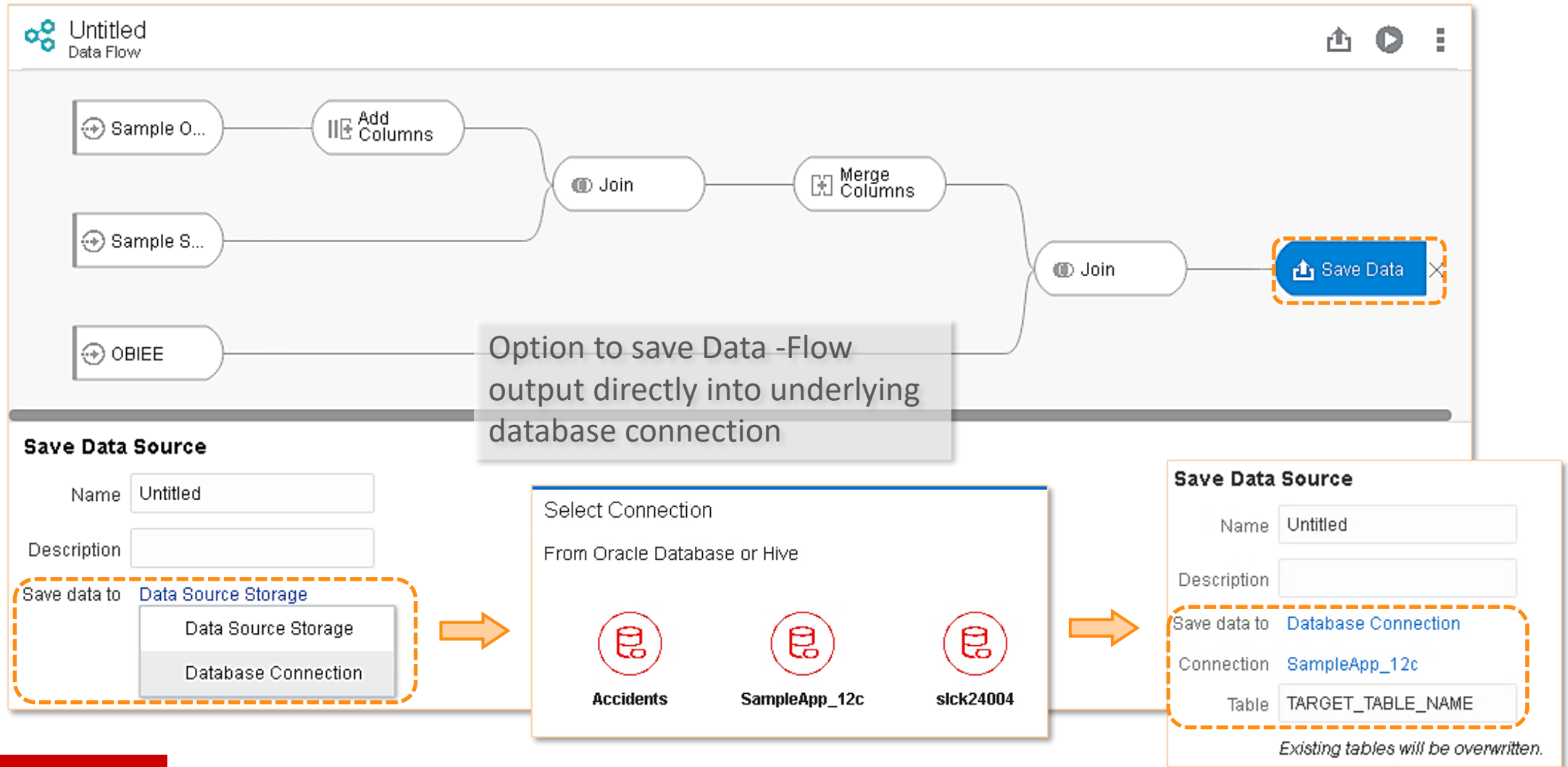


Customize name and description of Data Flow nodes to be more explicit

Chain Data-flows one after another in any sequences. Save and execute sequences

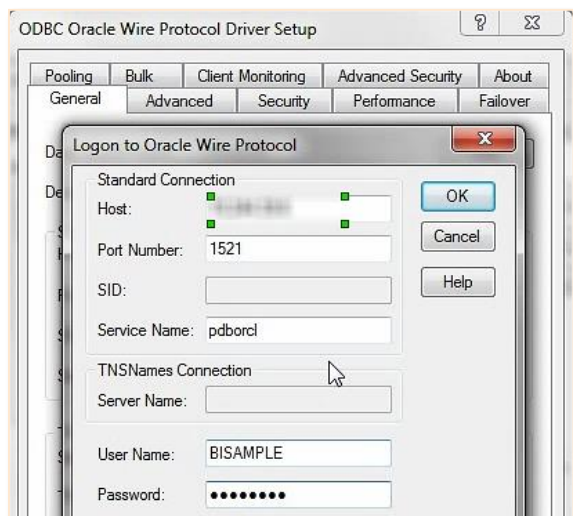


# 10 - Data Flow Improved flow-chart UI and Deliver DF output to remote connection





# 11 - Data-sources support Generic ODBC



1

Register ODBC data-source on host machine

2

Create DVD Connection to host ODBC source

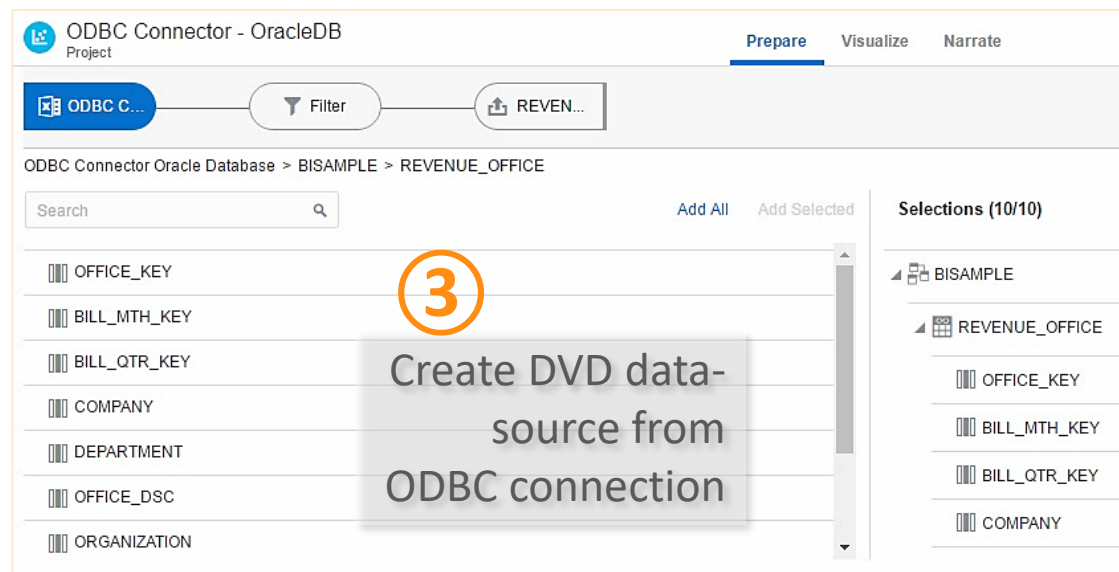
ODBC (Beta)

\*New Connection Name ODBC Connector Oracle Database

\*DSN OracleDB

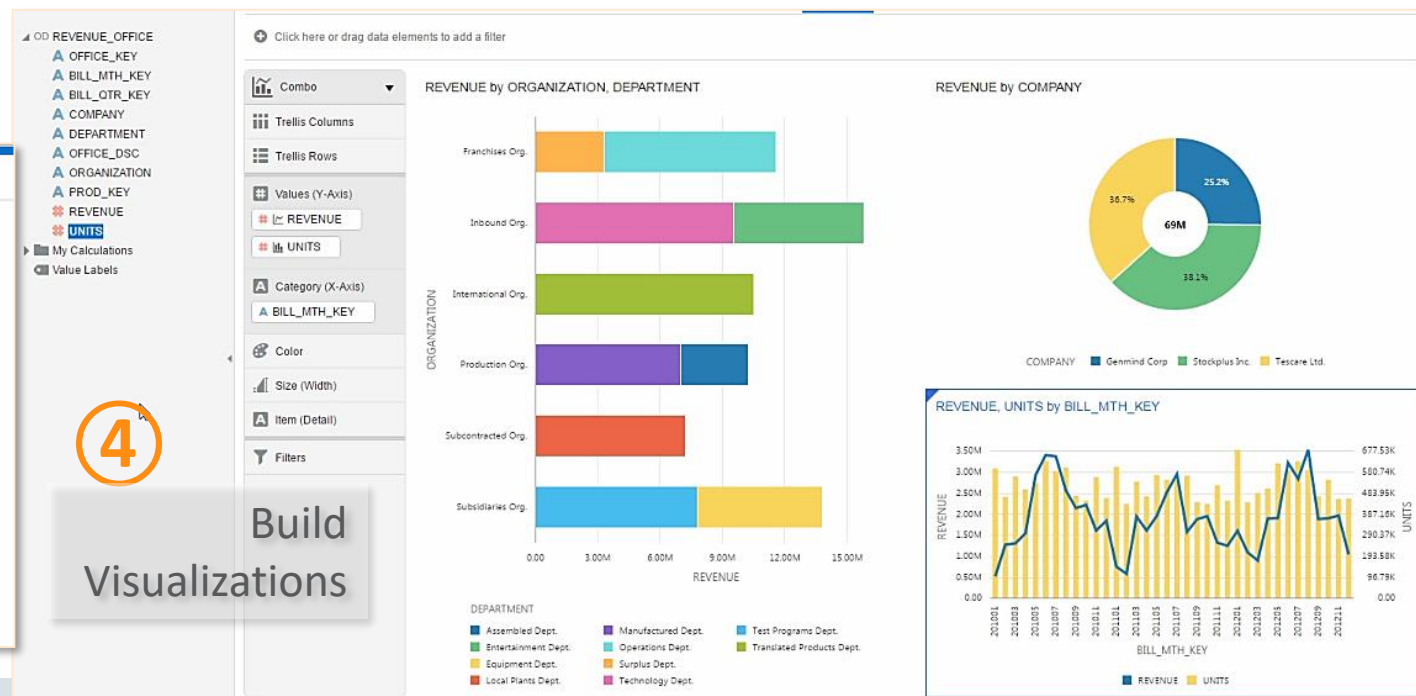
\*Username BISAMPLE

\*Password .....



3

Create DVD data-source from ODBC connection



4

Build Visualizations

# 12 - Remote OBIEE Subject Areas as Data-source



1

Create Connection of type Oracle Applications

\*Connection Name OBIEE

\*URL

\*Username

\*Password

\*Authentication ☒ Always use this credentials  
☐ Require users to enter their own credentials

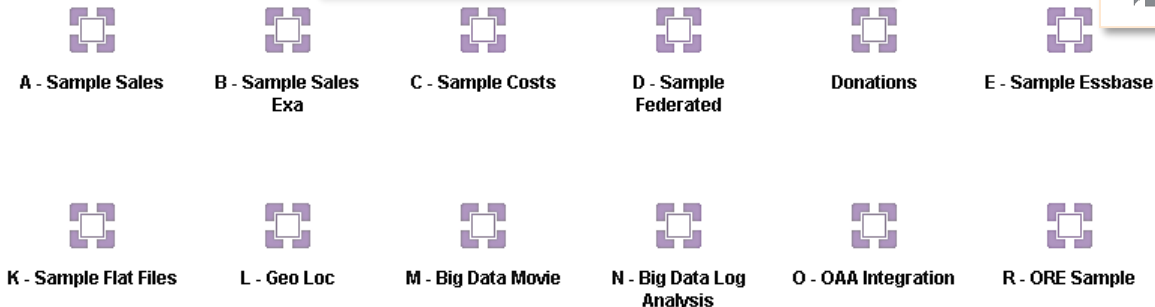


Untitled Data Source

OBIEE\_12c

2

Create Data source by selecting a Subject Area



Untitled Data Source

OBIEE\_12c > Y12 - Don

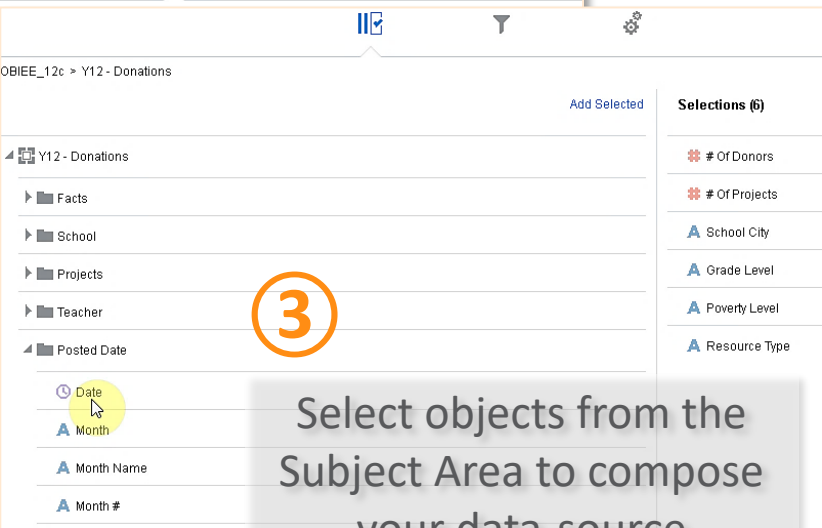
Y12 - Donations  
Facts  
School  
Projects  
Teacher  
Posted Date

OBIEE\_12c > Y12 - Donations

Y12 - Donations  
Facts  
# Of Donors  
# Of Projects  
# Of Schools  
# of Teachers  
# Students Reached  
Σ Project Cost \$

3

Select objects from the Subject Area to compose your data-source



Donations\_DS  
# Of Donors  
# Of Projects  
School City  
Grade Level  
Poverty Level  
Resource Type  
Date  
My Calculations  
Value Labels

Click here or drag data elements to add a filter

Horizontal Stacked

Trellis Columns

Trellis Rows

Values (X-Axis)

# Of Donors

Category (Y-Axis)

Grade Level

Color

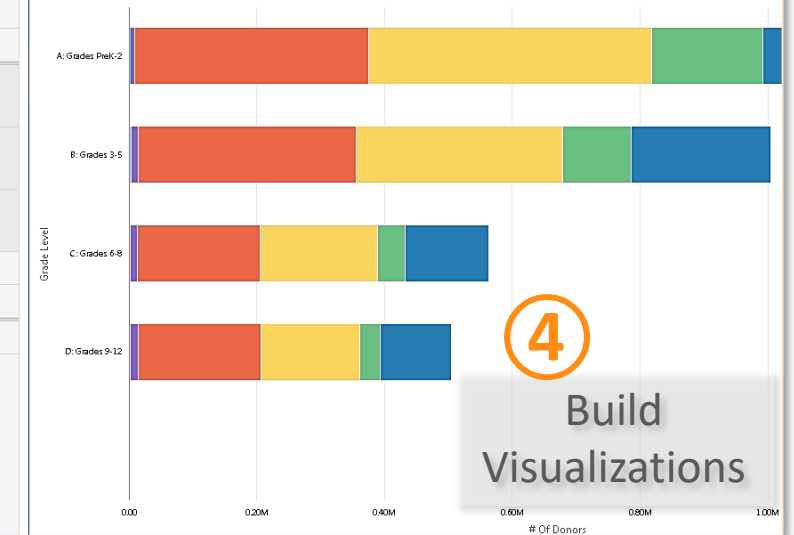
Resource Type

Size (Width)

Item (Detail)

Filters

# Of Donors by Grade Level, Resource Type



4

Build Visualizations

# 13 - Additional txt sources delimiters, undo in query builder

The screenshot shows the Oracle Data Visualization Desktop interface. At the top, the 'OBIEE Data Source' is selected. A modal window is open for creating a new project named 'Sample States\_1'. The modal includes fields for Name, Description, and Uploaded File. A dropdown menu for 'Separated By' is open, showing options: Comma, Semicolon, Space, Tab, and Custom. The 'Tab' option is selected. Below the modal, a table displays data for the 'Y12 - Donations' subject area.

**OBIEE Data Source Configuration:**

- Name: OBIEE
- Description: External dataset
- Connection: OBIEE
- Type: Logical SQL Query
- Subject Area: Y12 - Donations

**Project Creation Modal:**

- Name: Sample States\_1
- Description: Uploaded from Sample States\_1.csv.
- Uploaded File: Sample States\_1.csv
- Separated By: Tab


**Data Table:**

#	# Of Donors	# Of Projects	School County	Poverty Level	Grade Level	Date
1	5.00	1	New York (Manhattan)	C: High poverty	A: Grades PreK-2	04/06/2011 12:00
2	1.00	1	Chesterfield	C: High poverty	B: Grades 3-5	09/20/2014 12:00
3	25.00	5	Cook	D: Highest poverty	A: Grades PreK-2	09/27/2008 12:00


# 14 – New Data-source Types

## Create Connection


Select Connection Type




Oracle Applications




Oracle Database




Oracle Content and Experience Cloud




Oracle Essbase




Oracle Service Cloud




Amazon EMR




Amazon Redshift




Apache Hive




DB2




Dropbox




Google Analytics




Google Drive




Greenplum




Hortonworks Hive




IBM BigInsights Hive




Impala




Informix




MapR Hive




MongoDB




MySQL




Pivotal HD Hive




PostgreSQL




Salesforce




Spark




SQL Server




Sybase ASE




Sybase IQ




Teradata



JDBC



OData



ODBC

# 18 – Embedding DV Content

Debug



JSON

XML (JSON Recommended)

Embed

Easily Embed DV content in operational applications

## Embedding Script To Include

Include following <script> tag once per page. Based on the JavaScript framework used, replace <embeddingMode> with either "jet" or "standalone"

```
<script src="http://sl[redacted].us.oracle.com:9704/dv/ui/api/v1/plugins/embedding/<embeddingMode>/embedding.js" type="javascript">
</script>
```

Copy

## Default

To embed this project showing the default view, use the following HTML inside an appropriately sized element:

```
<oracle-dv project-path="<projectPath>">
</oracle-dv>
```

Copy

## Canvas "Canvas 1"

To embed this project showing the "Canvas 1" canvas, use the following HTML inside an appropriately sized element:

```
<oracle-dv project-path="<projectPath>" active-page="canvas" active-tab-id="1">
</oracle-dv>
```

Copy

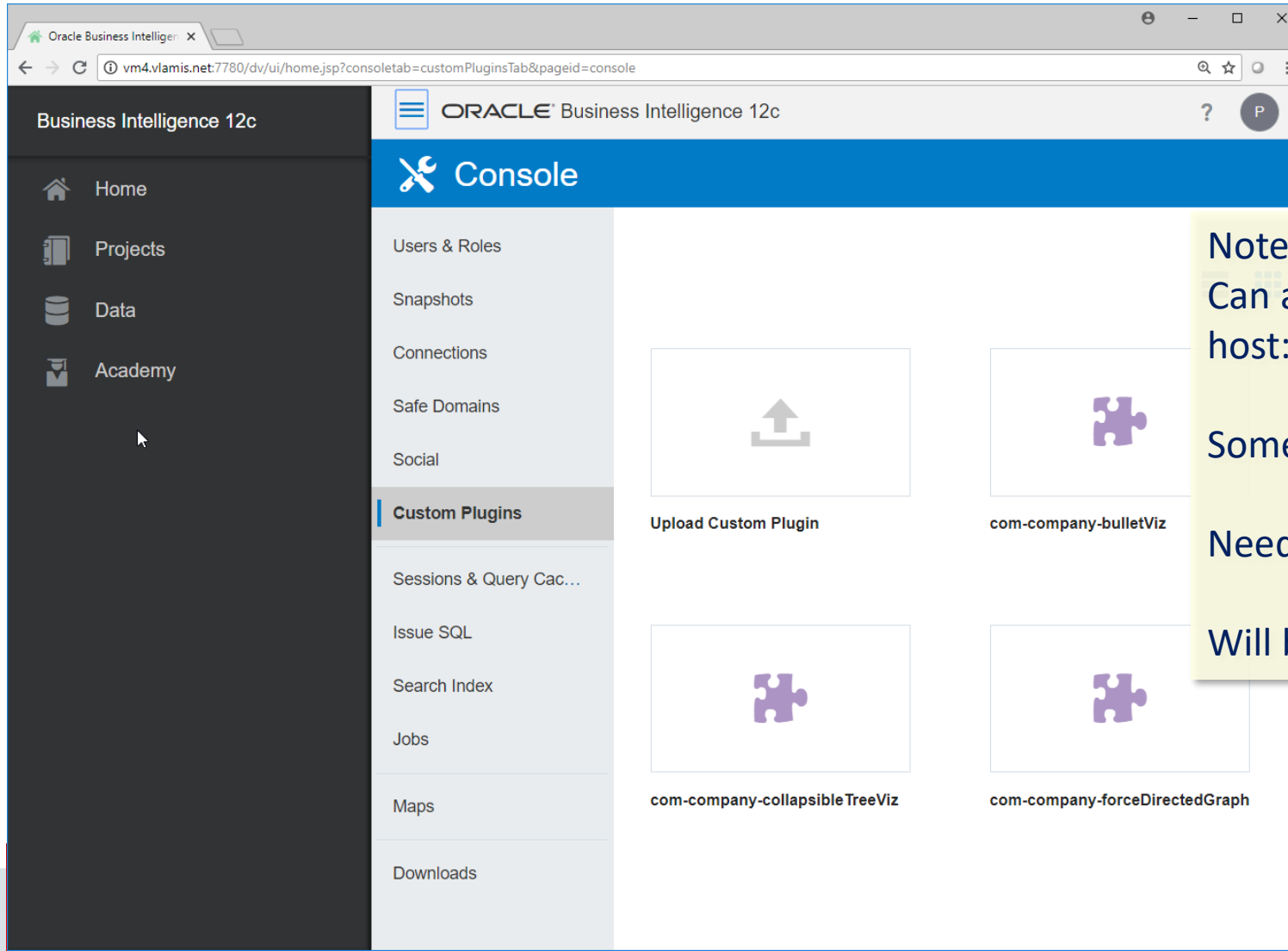
Apply

Format

Unformat

OK

# 18 – Custom Plugin loader (Console page missing, but can access if know URL)



Note Console choice not there.

Can access via URL:

host:port/dv/ui/home.jsp?pageid=console

Some consoletabs work; some don't

Need this to upload custom plugins.

Will be fixed in patch release.

# 19&20 – Classic Home Admin: Theme for logo & localization

The screenshot displays the Oracle Business Analytics Administration console. The top navigation bar includes a search field, a dropdown menu set to 'All', and links for 'Advanced', 'Administration' (highlighted with a dashed orange box), 'Help', and 'Sign Out'. Below this, a secondary navigation bar shows 'Home', 'Catalog', 'Favorites', 'Dashboards', 'New', 'Open', and 'Signed In'. The main content area is titled 'Administration' and lists several sections: 'Security' (Manage Privileges), 'Session Management' (Manage Sessions, Manage Agent Sessions), 'Maintenance and Troubleshooting' (Manage Device Types, Toggle Maintenance Mode, Reload Files and Metadata, Reload Log Configuration, Issue SQL, Scan and Update Catalog Objects That Require Updates), and 'Theme Management' (Manage Themes, highlighted with a dashed orange box). On the right side, there are additional links for 'Manage Catalog Captions' (Export Captions, Import Captions, Manage Captions), 'Map Data Management' (Manage Map Data), and 'BI Publisher' (Manage BI Publisher). A yellow callout box on the right contains the text: 'Changes on Classic home page Admin tab: Theme Management allows control of logo upper left corner, a few colors. Manage Catalog Captions allows localization'.

Search All Advanced Administration Help Sign Out

Home Catalog Favorites Dashboards New Open Signed In

**Administration**

Oracle Business Intelligence Product Version 12.2.1.4.0 (Build BIPS-20180409020153 64-bit)  
Maintenance Mode is currently off.

**Security**

[Manage Privileges](#)  
Manage privileges and rights given to users and groups.

**Session Management**

[Manage Sessions](#)  
View Oracle Business Intelligence session information including active users and queries.

[Manage Agent Sessions](#)  
View Agent session information including Agent state and recipients.

**Maintenance and Troubleshooting**

[Manage Device Types](#)  
Create, edit, view or delete Device Types.

[Toggle Maintenance Mode](#)  
Maintenance Mode is currently off.

[Reload Files and Metadata](#)  
Reload XML message files, refresh server metadata, and clear caches.

[Reload Log Configuration](#)  
Reload the logging configuration after update.

Default

[Issue SQL](#)  
Issue SQL directly to Oracle BI Server.

[Scan and Update Catalog Objects That Require Updates](#)  
Scan the catalog and update any objects that were saved with earlier versions of Oracle Business Intelligence.

**Theme Management**

[Manage Themes](#)  
Edit theme logo, title and style information.

**Manage Catalog Captions**

[Export Captions](#)  
Export captions from the catalog.

[Import Captions](#)  
Import captions in the catalog.

[Manage Captions](#)  
Manage imported captions in the catalog.

**Map Data Management**

[Manage Map Data](#)  
Manage layers, background maps and images.

**BI Publisher**

[Manage BI Publisher](#)  
Manage BI Publisher data sources, scheduler configuration, delivery d

**Changes on Classic home page Admin tab:**

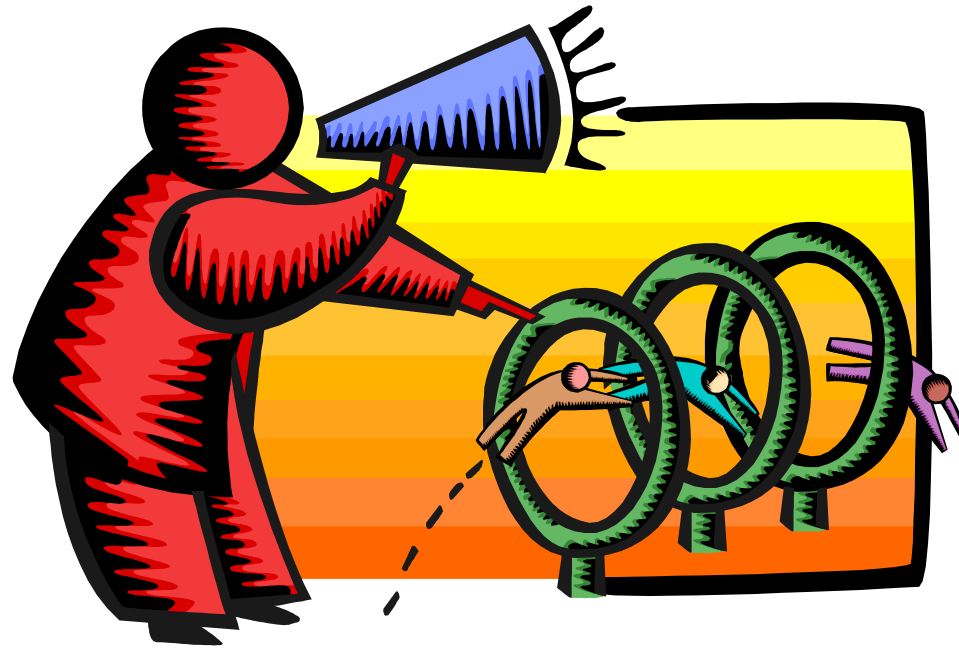
Theme Management allows control of logo upper left corner, a few colors

Manage Catalog Captions allows localization





# Demo





# Oracle Analytics Library

Data Visualization Cloud

Secure | https://www.oracle.com/solutions/business-analytics/data-visualization/library.html

Overview

Library

Gallery

Overview

Plug-ins

Sample Projects

Maps & Spatial


Machine Learning

Essbase Samples

Search

How to deploy Analytic Samples

sort by Last Updated



+


Presentation Variable Prompts

Oracle

April 18, 2018

Use this custom plugin to set the value of any presentation variable from within a DV canvas. Presentation variables allow to make dynamic columns or dynamic constants in any Oracle DV custom calculation

Download



+

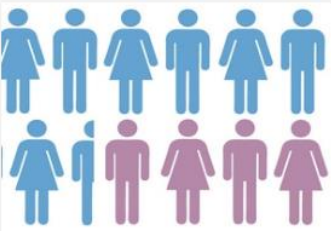
Custom Tiles

Oracle

April 05, 2018

The Custom Tile plugin allows users to frame rules for performing conditional formatting on a performance tile. The layout of the tile is highly flexible with large number of formatting options which makes it better for representing KPIs.

Download



+


InfoGraphic Sample Plugin

Peak Indicators

Mar 15, 2018

This Info Graphic sample plugin developed by PEAK indicators enables you to display nice info graphic visuals within Oracle DV. It supports the use of your own custom images. A number of properties that allow you to specify the icon to use, font size, look at icons only for a specific population etc make this a very compelling visualization.

Download



+


Mobile Grid Bars Plug-in

Oracle

Feb 05, 2018

Designed specifically for mobile devices highlighting the use of a variety of bar charts.


Download



+


Image Gallery Plug-in

Oracle



+

DV Governance



+

Force Directed Graph Plugin

Vlamiis

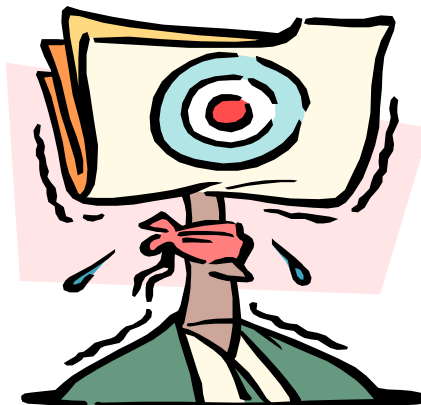
Jan 18, 2018

The Force Directed Graph plugin allows you to easily visualize hierarchical data. Each

Chat



# Resources and Questions?



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Twitter: [@vlamissoftware](https://twitter.com/vlamissoftware)

Vlami Home [www.vlami.com](http://www.vlami.com) Blog [www.vlami.com/blog](http://www.vlami.com/blog) Prior OBIEE releases [www.vlami.com/obiwebinars](http://www.vlami.com/obiwebinars)

OBIEE 12.2.1.4 Documentation (see What's New of each book) <https://docs.oracle.com/middleware/bi12214/biee/docs.htm>

Oracle Analytics Library with plugins and demos <https://www.oracle.com/solutions/business-analytics/data-visualization/library.html>

YouTube channel Oracle Analytics from SampleApp Team <https://www.youtube.com/user/EvolvingBI/videos>

YouTube video playlist on DV4 new features <https://www.youtube.com/watch?v=AoMxQDX4KNQ&list=PL0cpw36tp3yKTe2EDF29vr60wWIM4aWDP>

Webinar on What's Involved in Migrating from OBIEE to OAC? April 4, May 2 <http://www.vlami.com/papers2018#may2>