



New Features in Oracle Analytics Cloud 17.4.5

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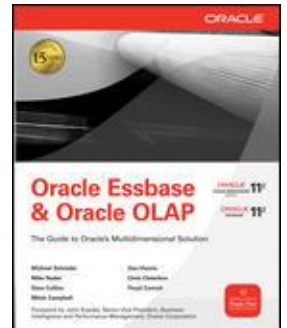
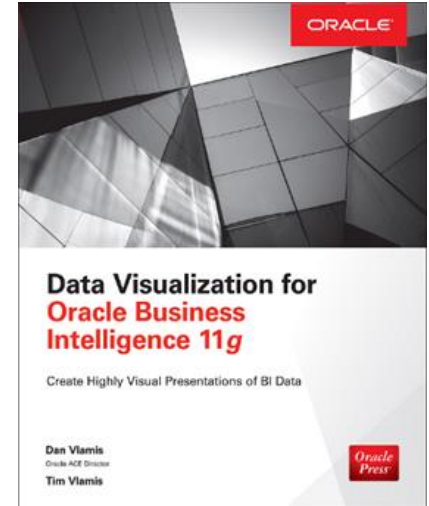
VlamiS Software Solutions

- 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 (blog, papers, newsletters, services)
- Co-authors of book “Data Visualization for OBI”
- Co-author of book “Oracle Essbase & Oracle OLAP”
- Oracle University Partner
- 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](#)
 - New visualizations
 - Additional data sources and Enhanced data prep and updated data flows
- 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](#)

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

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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

File Options View Help

In Practice Mode **Start**

Audience view 100%

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Stopped No one sees your screen

Show **Stop Showing Screen** **Give Keyboard & Mouse** **Change Presenter**

Start Recording 5.9 GB remaining [Settings](#)

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☒ Show Answered Questions

X	Question	Asker

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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

OAC V4 Functional New Features Overview

A. Data Visualizations

1. New Home Page + UI Refresh
 - a) *Drag spreadsheet to home page, canvas
2. New Viz control experience
 - a) *Properties Pane,
 - b) *Copy/Paste/Duplicate,
 - c) *Pin Filter to all Canvases
 - d) *Data Actions
3. 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
4. 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
5. *New Narrate experience
-  6. Improved Sharing

B. Data-flows

7. New Steps
 - a) Merge Rows Step (Set Operator)
 - b) Create Essbase Cube Step
 - c) *Binning Step
 - d) *Grouping Step new UI
 - e) Cumulative Aggregate Step
 - f) *Filter Step
8. Sequences for Data-flows
9. Customize Name/Description of a step
-  10. Data-flows Scheduling

C. New Data Sources


11. Oracle Talent Management Cloud
12. Oracle Autonomous DWCS
13. Oracle BDCS-CE

D. BI Publisher in OAC







14. BIP Ability to consume XSAs



E. Essbase Specific new features

F. Machine Learning

15. *ML Attributes Explain Feature
16. ML Train & Apply OOB Models
 - a) Sentiment
 - b) Numeric prediction
 - c) Multi Classifier
 - d) Clustering
 - e) Binary Classifier
-  17. ML Custom Scripts upload & Apply
18. ML Model Scenarios

G. Admin / Console

-  19. Content Embedding
-  20. Data Replication
-  21. Emails Deliveries
-  22. Map-viewer Console
-  23. Import / export TCM models
-  24. Public API Support

 OAC only feature  DVD only feature
* Shown as part of DVD4 What's New Webcast
To be demoed in OAC 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

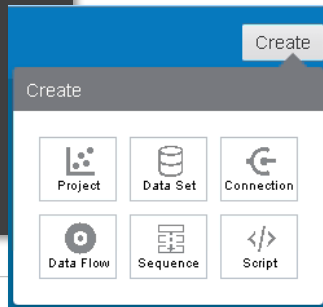
Projects

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"

ORACLE Analytics Cloud

Home

Create

What are you interested in?

What's New

Updated Just now

World Eco Outlook Metrics IMF File

Updated Just now

Sample Order Lines File

Updated 18 minutes ago

testEndToEndCase10 Project

OlympicAthletes File

Connect to Your Data

AA - Binning II Project

Example of Lat-Long... Project

World Eco : Net Debt... Project

Tip: Create a new Data Set by simply dropping your file anywhere on this page

Download Samples

Explore Your Data

Download Data Visualization Desktop

Learn More in the Academy

Getting Started with Oracle Data Visualization

Projects

AA - Binning II

Example of Lat-Long Maps VI...

World Eco : Net Debt x Public...

testEndToEndCase10

US Inventory Rotation

View all 125 Projects

Data Sets

A - Sample Sales

Hi

Updated Jul 14, 2016

Hive - Customer Sales

C - Sample Costs

D - Sample Federated

E - Sample Essbase

View all 64 Data Sets

2 – New Viz Controls : Properties Pane for Columns and Viz

Data Elements

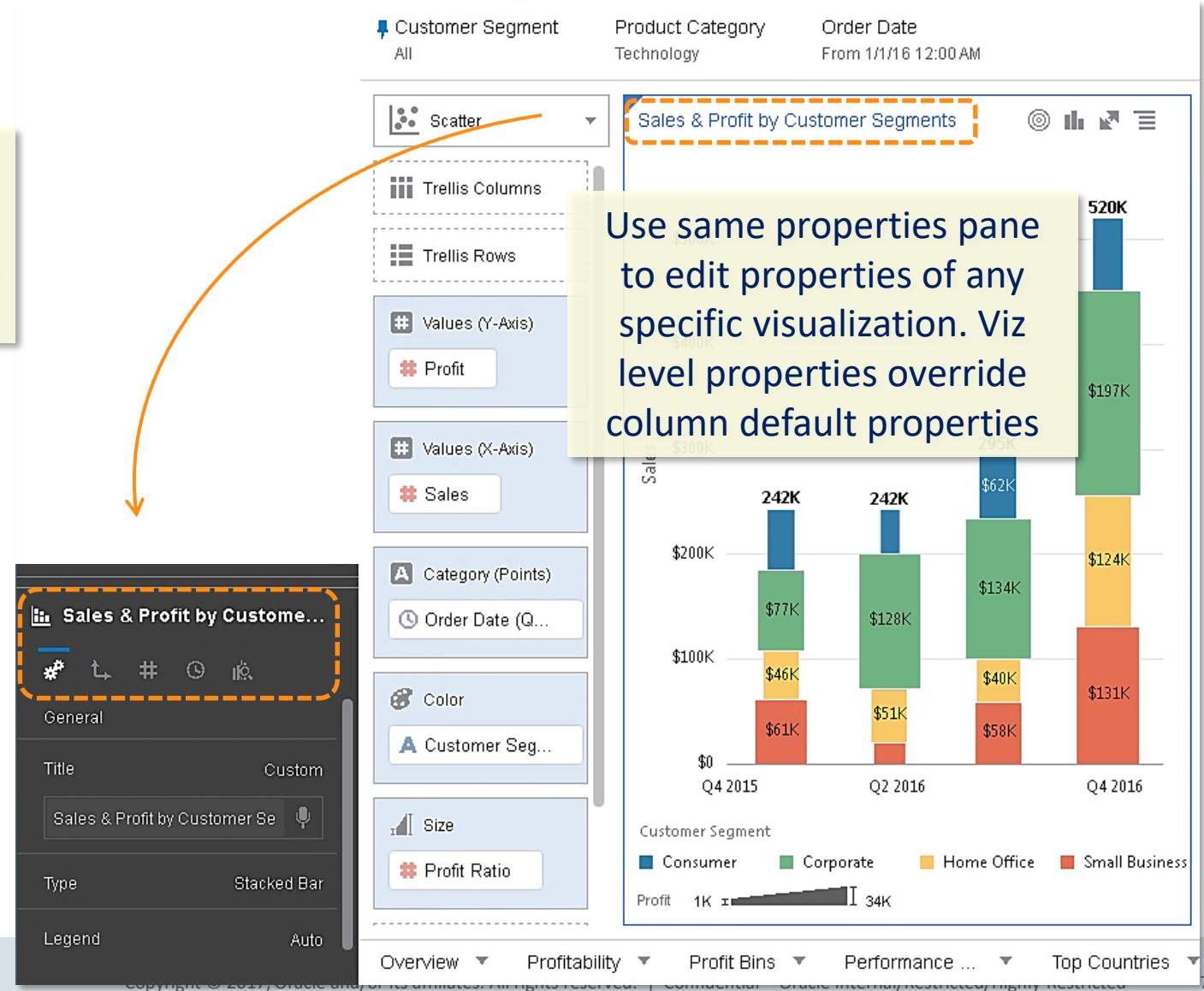
- Product Container
- Product Name
- Profit
- Quantity Ordered
- Sales
- Discount**
- Gross Unit Price
- Shipping Cost
- Ship Mode
- Ship Date
- Order Date
- {Row Count}
- Sample States
- My Calculations
- Value Labels

Discount

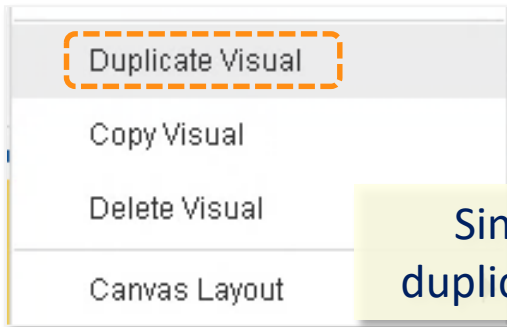
General

Name	Discount
TreatAs	Measure
Data Type	Double
Aggregation	Sum

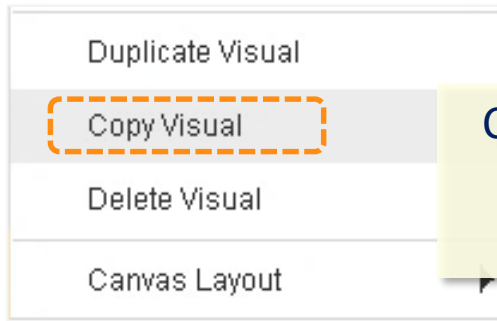
Use properties pane to edit default properties of any object (Type, Agg rule, format, level...)



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

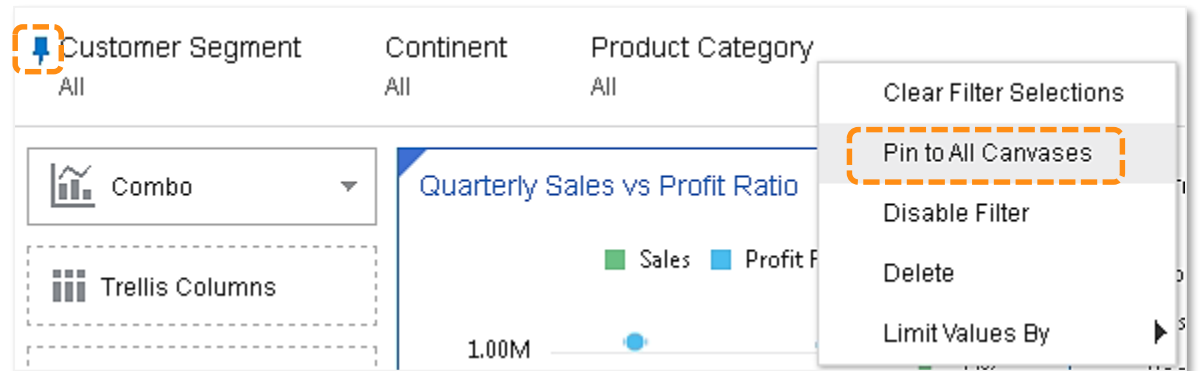


Single Click
duplicate-visuals



Copy paste any visual
from one canvas to
another canvas

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



2 - 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

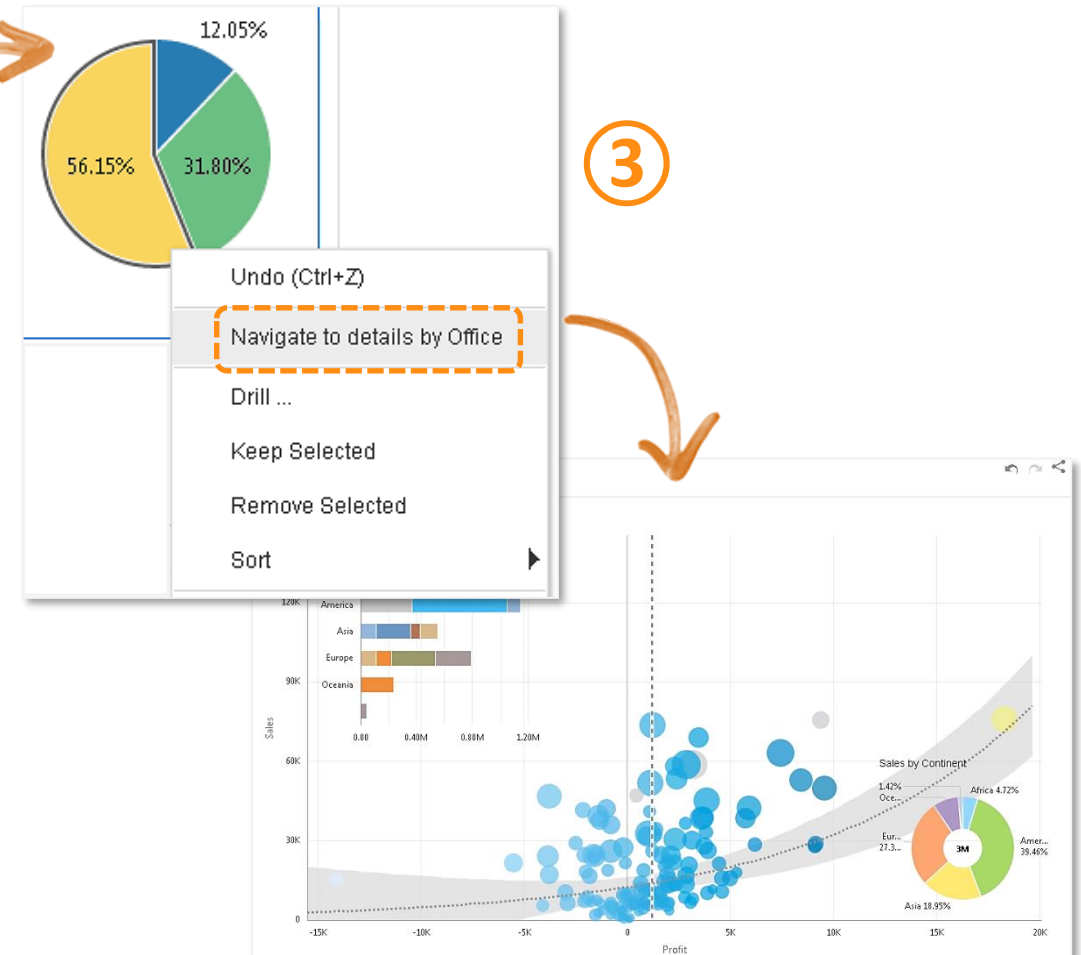
URL

- ✓ Canvas

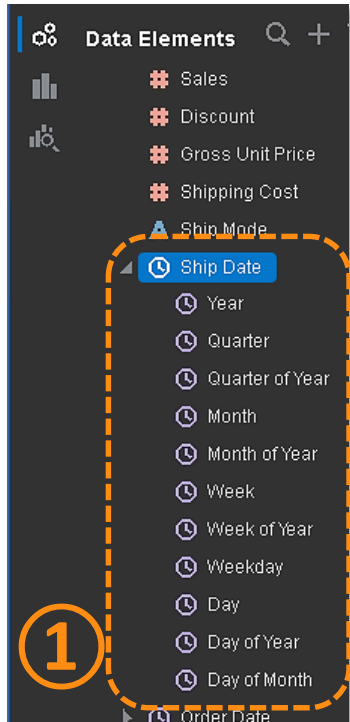
OK Cancel

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

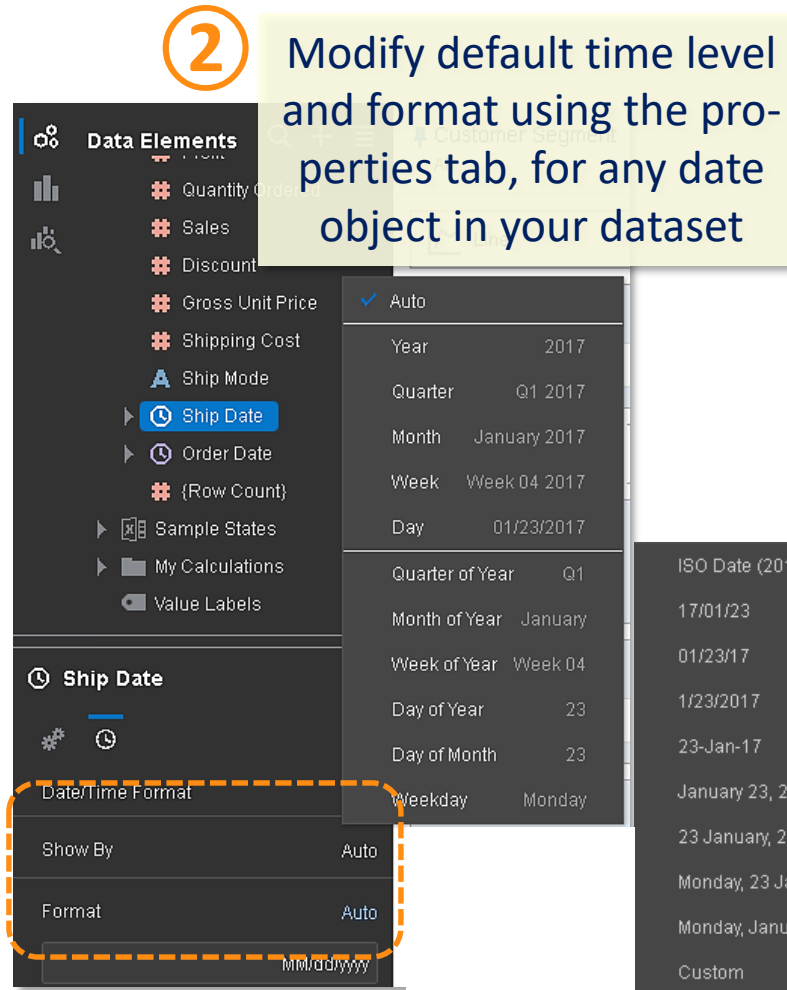
Configure multiple Navigation targets for each column object in your project.



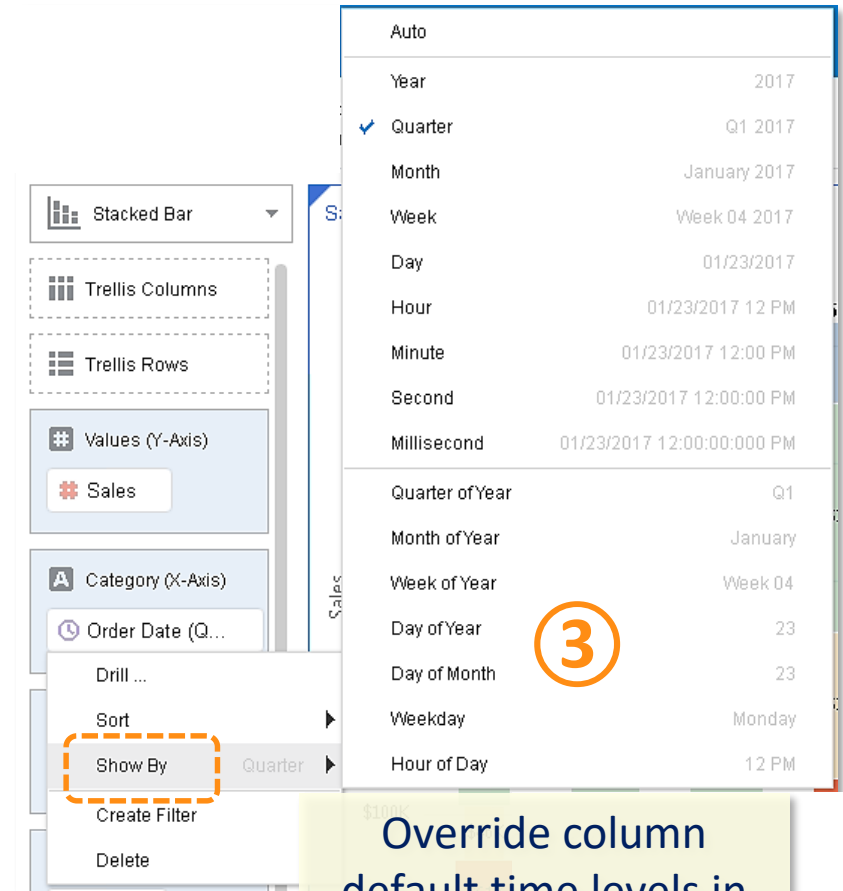
3 – New Columns Control : Date/Time level set & switch



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

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

01/19/2015

Data Type

Date

04/14/2015

Number

☒ Date

Text

V4 single Number data Type

Data Type

Date

1

01/12/2013

Double

Integer

☒ Date

Text

01/01/2013

V3 (Old) multiple number types

Pivot

Columns

Ship Dat...

Rows

Product ...

Values

Sales

of Ord...

Color

Size

Shape

Sales, # of Order Lines b...

Values

Sales

Aggregation Method

Auto

Display As

Percent Of

Value

☒ Percent Of

Auto

Number Format

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

☒ All Values

Column Values

Row Values

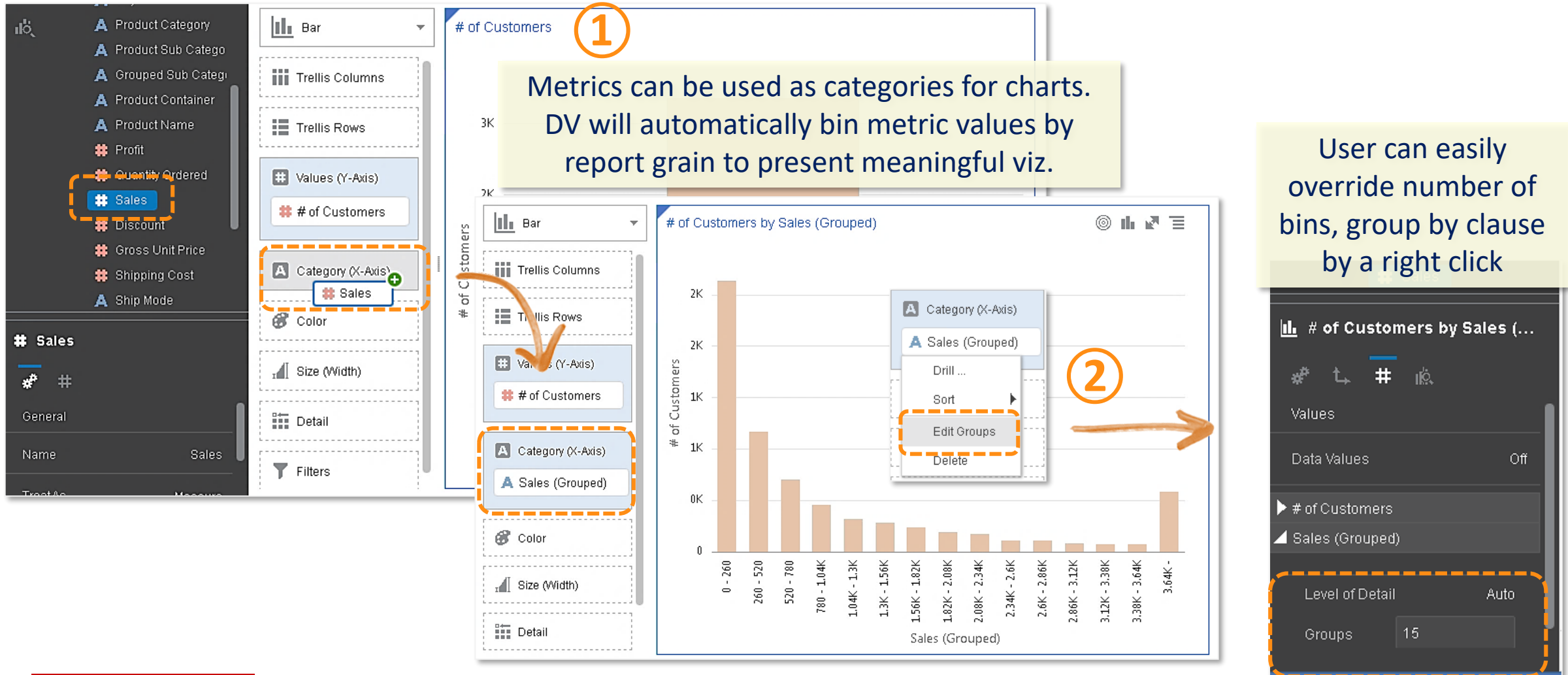
Product Sub Category

Ship Date (Month)

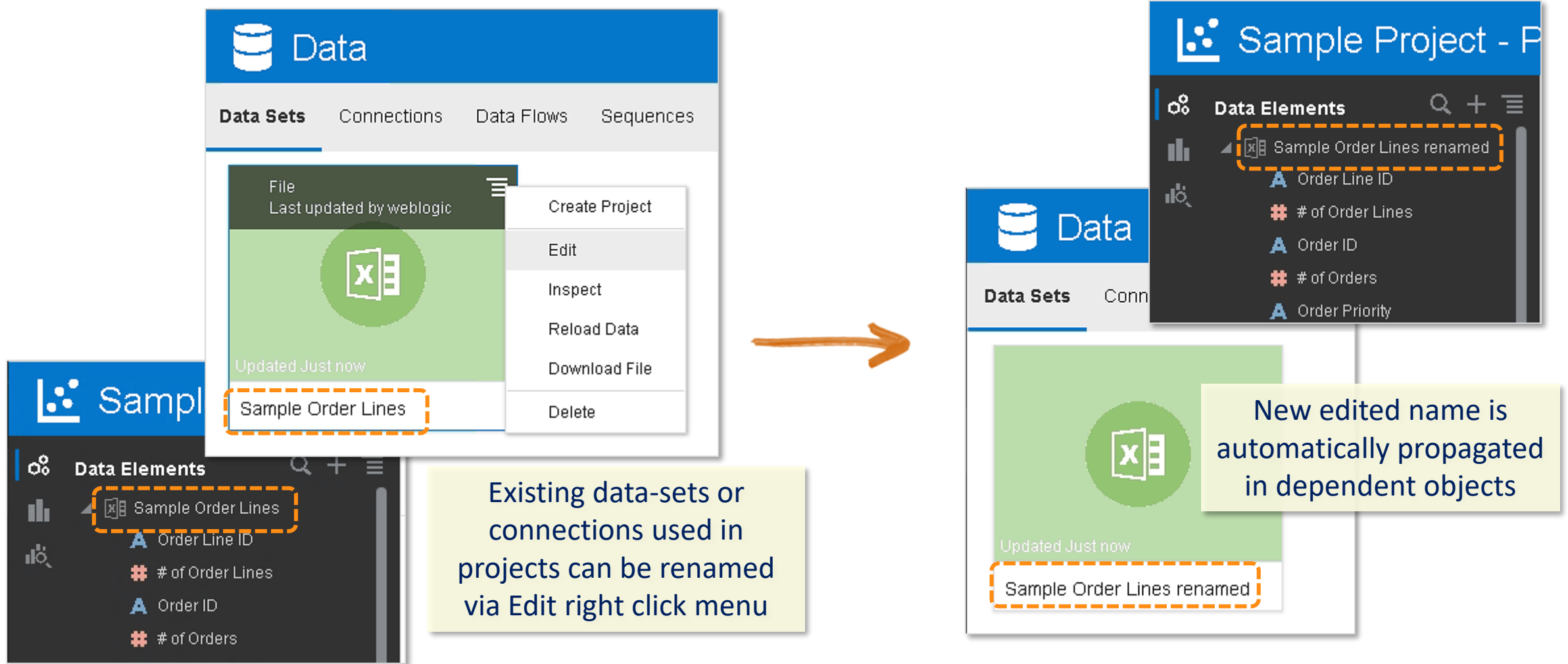
Sales, # of Order Lines by Product Sub Category, S

	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

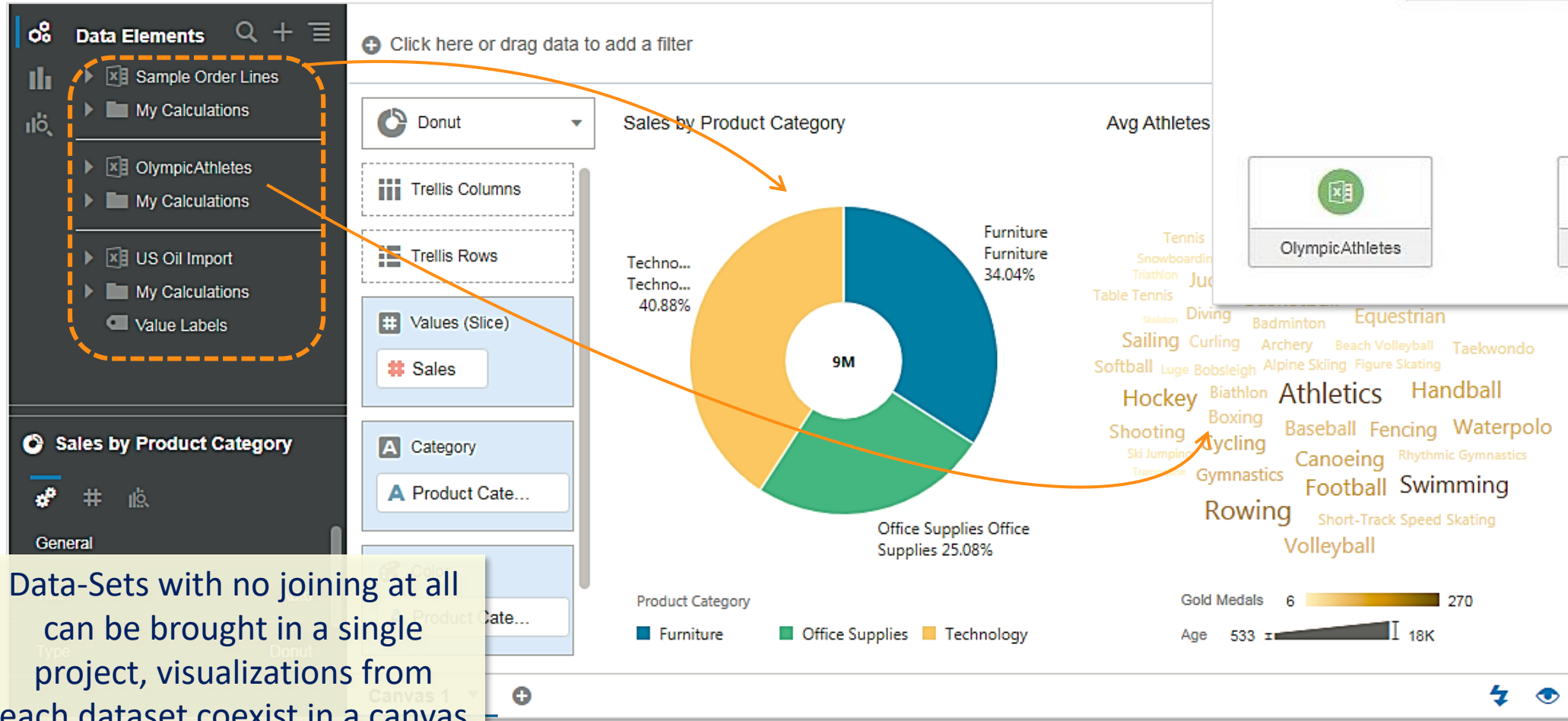
3 – New Columns Control : Auto-Binning of metrics when used as Categories



4 – New Projects control features : Data Set / Connections renaming



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



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

Test_Permission OAC Only

General **Permissions**

Users & Roles Add

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

OK Cancel

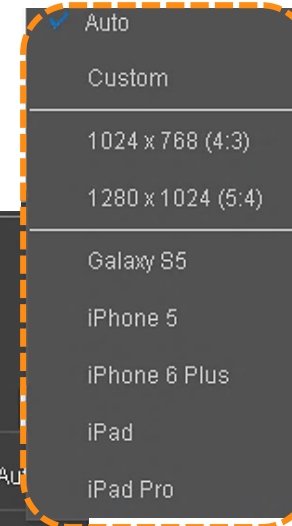
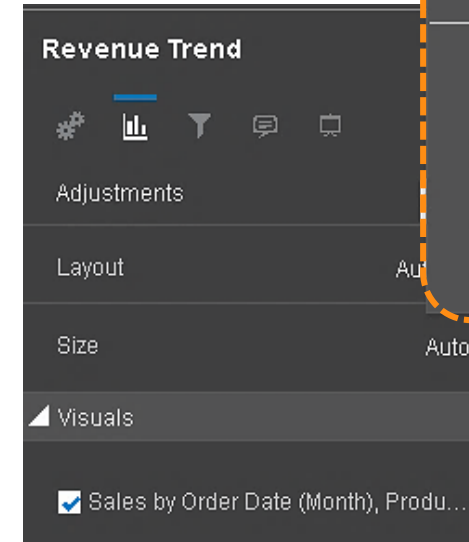
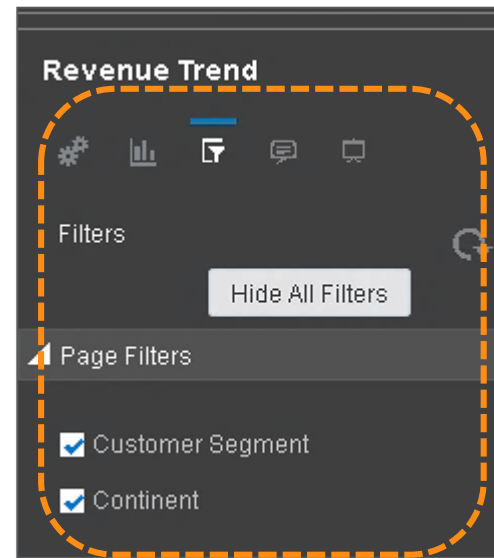
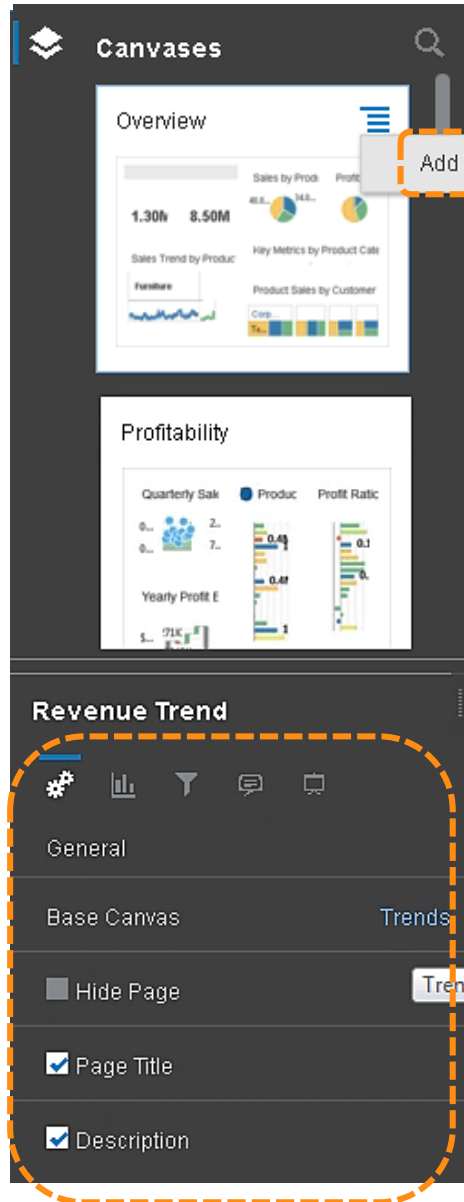
Fine project permissioning can be set from project inspect menu

Sales by Order Date

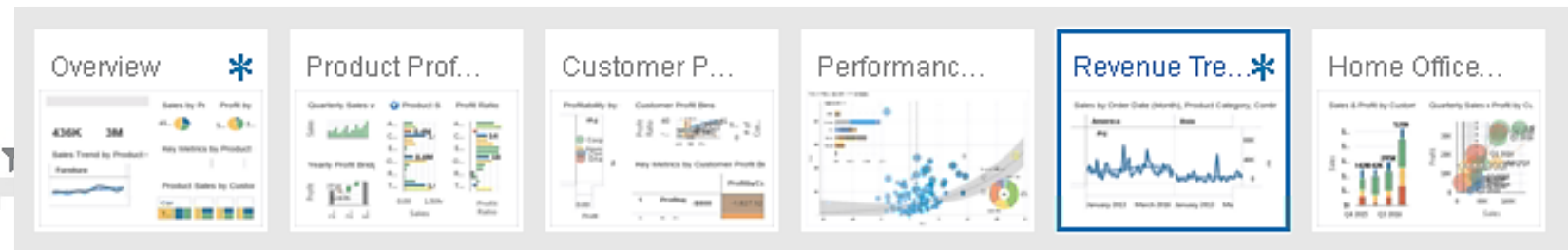
Data sampling was applied due to the large quantity of data. Please filter your data. The limit of 1000 categories was exceeded.

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

5 – New Narrate Experience



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



6 – Improved Sharing

OAC
Only

Ability to seamlessly
integrate with Social
networks for sharing results.
Requires Oracle Storage
Cloud Service.

The screenshot displays the Oracle Analytics Cloud Console interface. On the left, the 'Console' menu is highlighted, with 'Social' selected. The main panel shows the 'Social' configuration page for Slack, with fields for Service, Status, Slack Endpoint, Application Name, Distributed App, Client ID, Client Secret, Redirect URL, and Team. Overlaid on this are several sharing modal windows: a 'File' dialog with 'Package (dva)' selected, a 'Share' dialog with 'Twitter' selected, a 'Share' dialog with 'Cloud' selected, and another 'File' dialog with 'Active Canvas' selected. A yellow callout box explains the social sharing capability and its requirement for Oracle Storage Cloud Service.

ORACLE[®] Analytics Cloud

Console

- Users & Roles
- Snapshots
- Connections
- Data Replication
- Safe Domains
- Social**
- Virus Scanner
- Custom Plugins
- Sessions & Query Cac...

Social

Configure and activate the applications that may be used to share a project.

Service: Slack

Status: Inactive

Slack Endpoint: <http://hooks.slack.com/s>

Application Name:

Distributed App: ☐

Client ID: Required

Client Secret: Required

Redirect URL: <http://slc13ass.us.oracle.com:9704/dv/ui/authresponse.jsp>

Team:

File

Name: Sample Project

Format: Powerpoint (ppb)

Include: Powerpoint (ppb)

Size: Image (png)

Orientation: Data (csv)

Package (dva)

Save Cancel

Share

File Print OSN

Slack Twitter

Share

File Email Print

Cloud

File

Name: Sample Project

Format: Powerpoint (ppb)

Include: Active Canvas

Size: Active Canvas

Orientation: All Canvas

Save Cancel

Data Flow Steps



Add Data



Join



Merge Rows



Filter



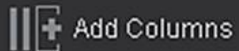
Aggregate



Save Data Set



Create Essbase Cube



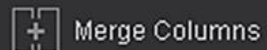
Add Columns



Select Columns



Rename Columns



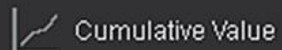
Merge Columns



Bin

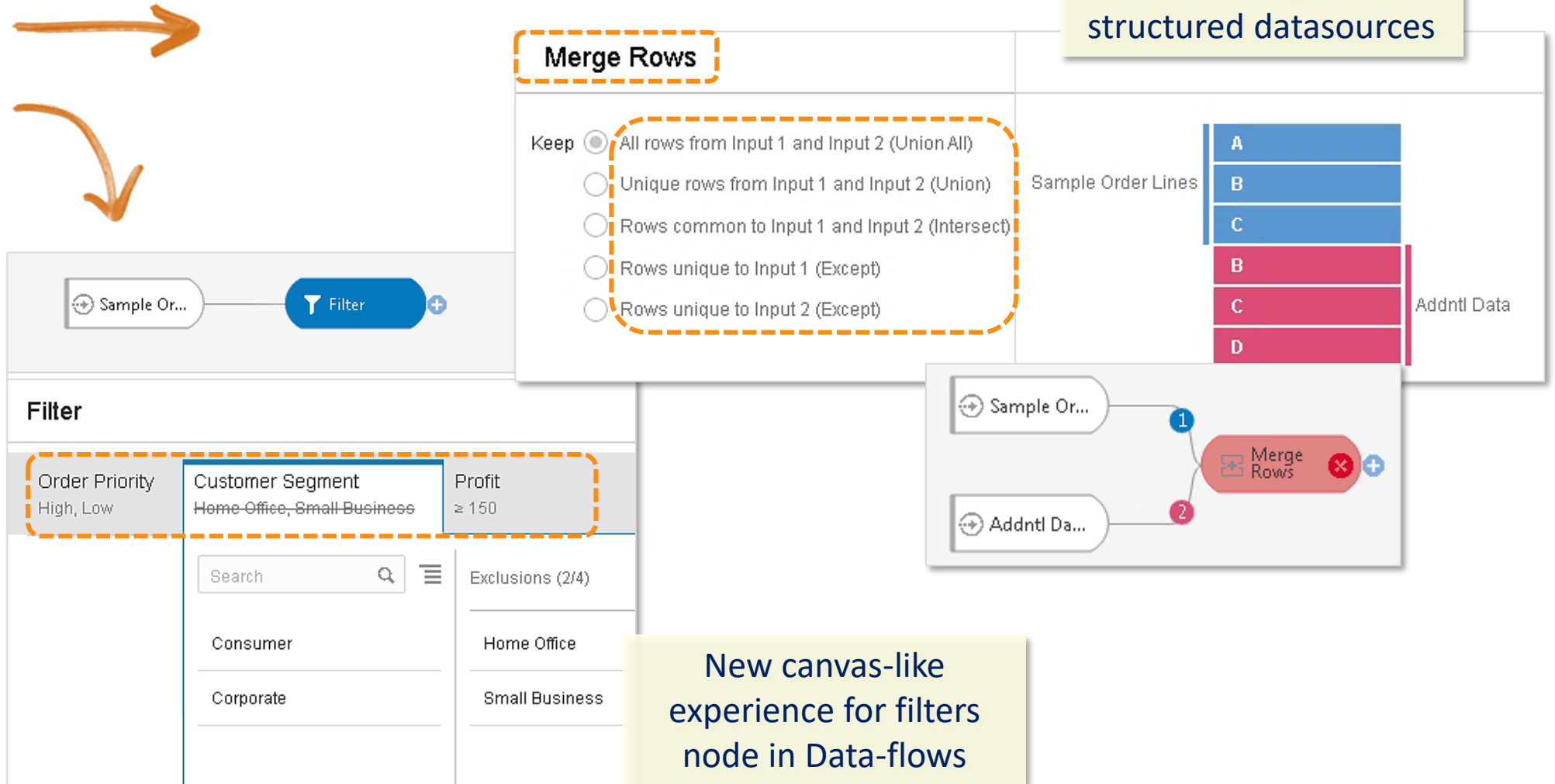


Group



Cumulative Value

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



Data Flow Steps



Add Data



Join



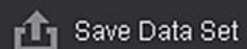
Merge Rows



Filter



Aggregate



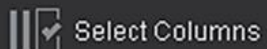
Save Data Set



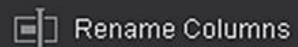
Create Essbase Cube



Add Columns



Select Columns



Rename Columns



Merge Columns



Bin



Group



Cumulative Value

7 – Data-flows : New Create Essbase Cube Step

Data-flow creating aggregations cubes in Essbase

Create Essbase Cube

Essbase Connection [Select Essbase Connection](#)

Application Name

Cube Name

Description

Automatic detect of metrics, attributes and hierarchies

Essbase will identify columns as measures, dimensions, or attributes and create a cube.

Order Line ID	# of Order Lines	Order ID	# of Orders	Order Priority	Customer ID	# of Customers
6023	6023	88028	88028	Not Specified	2211	2211
179	179	87946	87946	Low	67	67

Data Flow Steps



Add Data



Join



Merge Rows



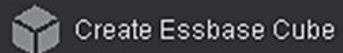
Filter



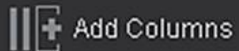
Aggregate



Save Data Set



Create Essbase Cube



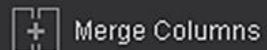
Add Columns



Select Columns



Rename Columns



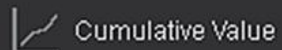
Merge Columns



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'.

Data Flow Steps



Add Data



Join



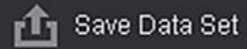
Merge Rows



Filter



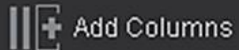
Aggregate



Save Data Set



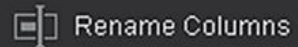
Create Essbase Cube



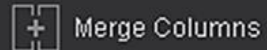
Add Columns



Select Columns



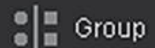
Rename Columns



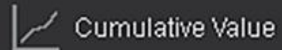
Merge Columns



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)

Corporate

Home Office

Small Business

Data Flow Steps



Add Data



Join



Merge Rows



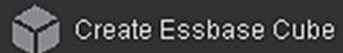
Filter



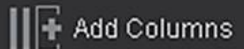
Aggregate



Save Data Set



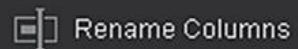
Create Essbase Cube



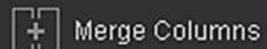
Add Columns



Select Columns



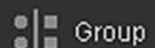
Rename Columns



Merge Columns



Bin



Group



Cumulative Value

7 – Data-flows : New 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

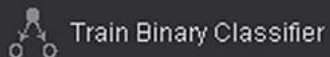
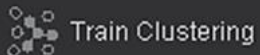
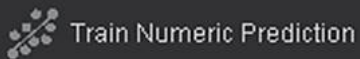
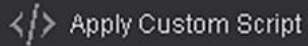
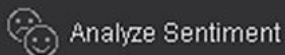
New element name Bin Name

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



7 – Data-flows : New Forecast and Sentiment Analysis Steps

Extract Sentiment from
text based columns

Sample Or...

Analyze Sentiment

Analyze Sentiment

▲ Outputs

Create	Output	Column Name
<input checked="" type="checkbox"/>	emotion	emotion

▲ Parameters

* Text To Analyze Customer Name

Sample Or...

Time Series Forecast

Time Series Forecast

▲ Outputs

Create	Output	Column Name
<input checked="" type="checkbox"/>	forecasted	forecasted

▲ Parameters

* Target Select a column

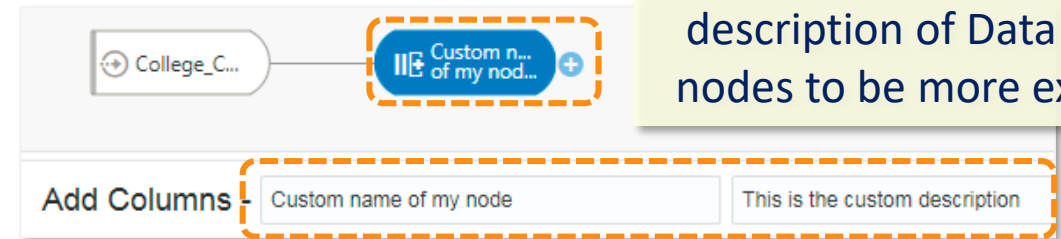
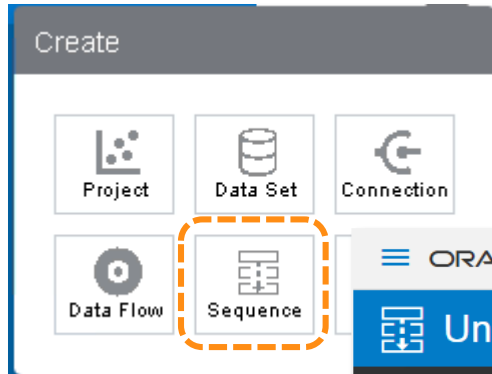
* Time Order Date

* Periods 14

Forecast date-based
metric values

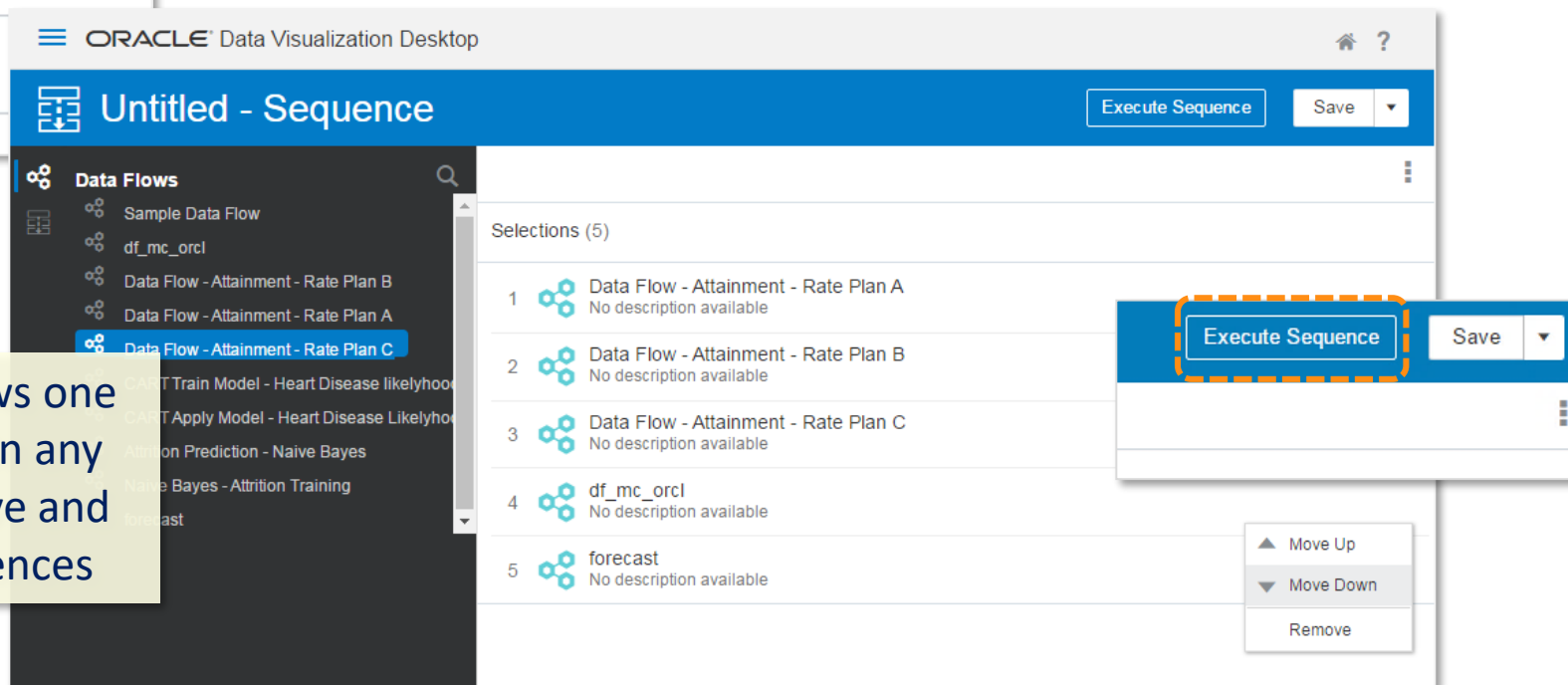
8 & 9 – Data-flows Sequences

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-flows Scheduling

Data

Data Sets
Connections
Data Flows
Sequences

Type	Name	Description
	Test Dataflow	

Run
Open
Schedule
Delete

1

Schedule Data-flows via a right click

Test Dataflow Jobs

Add Job

Job Name	Last Started	Next Start

*Name Test Dataflow_1
*Start 10/16/17
*Time 05:03 PM
Repeat Never
Never
Daily
Weekly
Monthly
Yearly
Custom

ORACLE Analytics Cloud

Console

Users & Roles
Snapshots
Connections
Sessions & Query Cac...
Issue SQL
Search Index
Jobs

All Active
Sort by Next Start Time












Type	Job Name	Activity	Scheduled by	Status	Next Start
	Test Dataflow_1	DataflowJob	admin		Oct 16, 2017, 6:03 PM







2












Monitor schedules from the Console screen

11,12,13,14 – New Data-source Types

Select Connection Type

	Oracle Applications
	Oracle Big Data Cloud (Beta)
	Oracle Data Warehouse Cloud (Beta)
	Oracle Database
	Oracle Content and Experience Cloud
	Oracle Essbase
	Oracle Service Cloud
	Oracle Talent Acquisition Cloud (Beta)
	Action Ingres
	Action Matrix
	Action Vector

	Amazon EMR
	Amazon Redshift
	Apache Drill
	Apache Hive
	Cassandra
	DB2
	Dropbox
	Google Analytics
	Google Cloud
	Google Drive
	Greenplum
	Hortonworks Hive

	HP Vertica
	IBM BigInsights Hive
	Impala
	Informix
	MapR Hive
	Microsoft Access
	MonetDB
	MongoDB
	MySQL
	Netezza
	Pivotal HD Hive
	PostgreSQL

	Presto
	Salesforce
	Spark
	SQL Server
	Sybase ASE
	Sybase IQ
	Teradata
	Teradata Aster
	Elasticsearch
	JDBC
	OData
	ODBC

Essbase Specific New Features Overview



- **Server Enhancements**

- Calc Trace Support both via Calc Scripts & SmartView
- Data Audit Trail
- Support for Replicated Partitions
- Hybrid – Dynamic Solve Order based on member formula

- **Web UI**

- New Connections, Data Sources Interface (Drill Thru, Location Aliases)
- Logs at Application Level
- Drill Through Support
- MAXL Execution from Jobs interface
- UI for App Configurations (Drop Down for parameters)

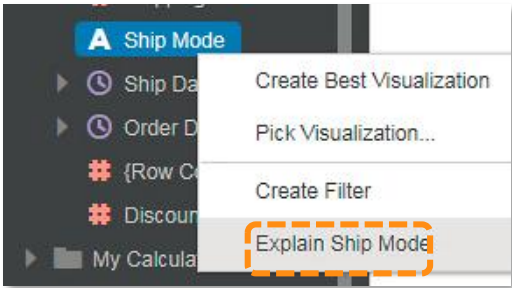
- **Smart View**

- Ability to Change Solve Order

- **Cube Designer**

- Improvements to the Transform Wizard
- Generation Names Support
- Text Lists Support in CD Wizard
- Support for Member Formula in unstructured import
- Support for Accounts Dimension hierarchy in unstructured import

15 – ML : Attribute Explain



Use Explain right click option on any attribute column to Uncover insights and patterns about this column within the whole data set

Explain Ship Mode

Basic Facts about Ship Mode

What are the values of Ship Mode and how do they relate to each other?

Key Drivers of Ship Mode

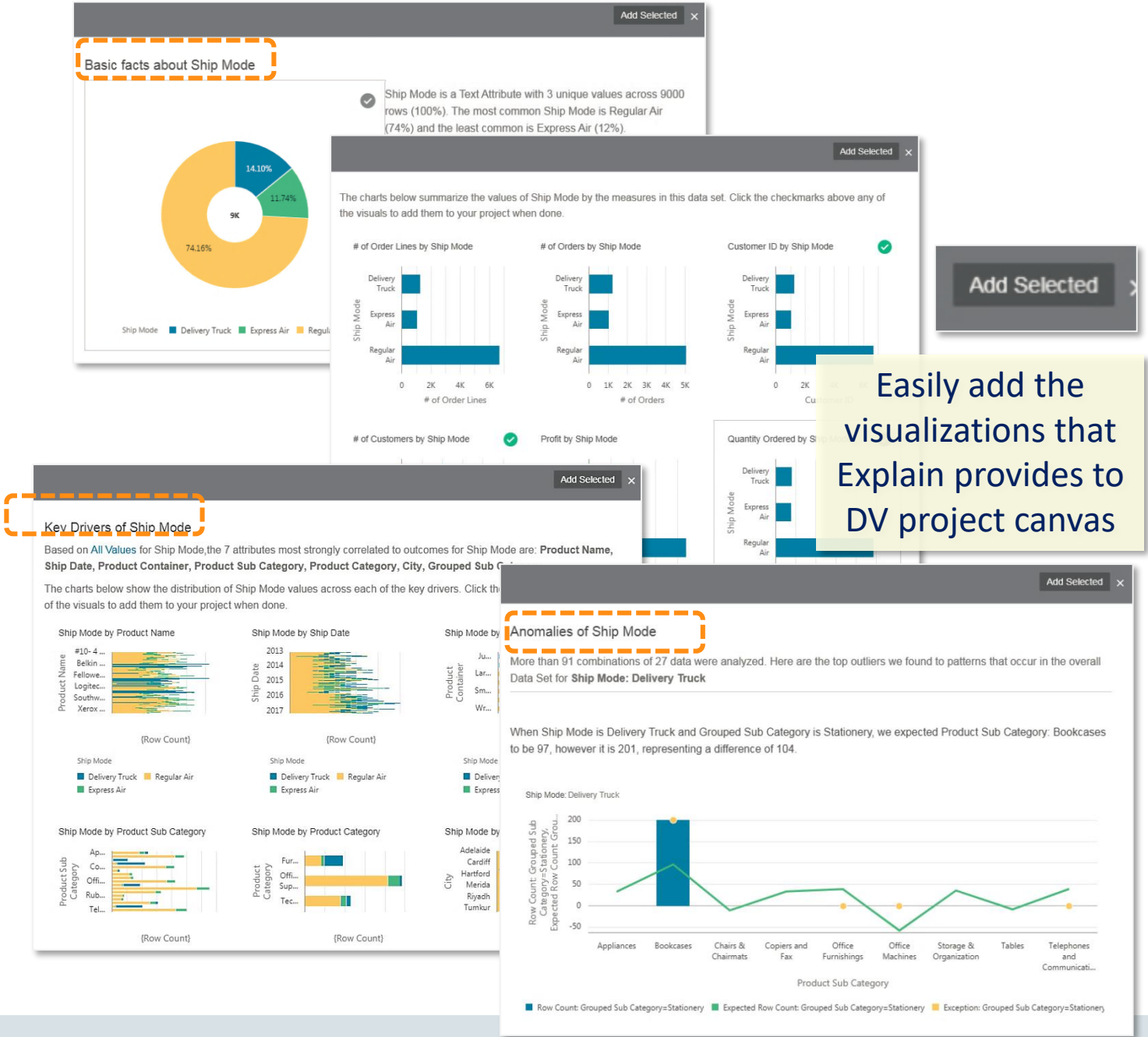
What elements in this data best explain the values of Ship Mode?

Segments that Explain Ship Mode

What hidden groups in the data can predict outcomes for Ship Mode?

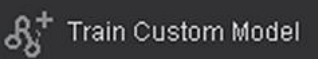
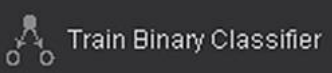
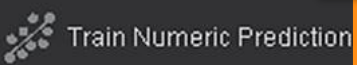
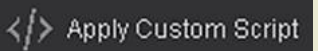
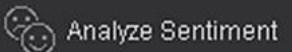
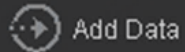
Anomalies of Ship Mode

What groups in the data exhibit unexpected results for Ship Mode?



Easily add the visualizations that Explain provides to DV project canvas

Data Flow Steps



16 – ML : Train & Apply OOB Models

Select Train Numeric Prediction Model Script

Elastic Net Linear Regression for model training

Linear Regression for model training

Select Train Multi-Classification Model Script

Naive Bayes for Classification

Random Forest for model training

CART for model training

Neural Network for Classification

SVM for Classification

Select Train Clustering Model Script

K-Means Clustering for model training

Hierarchical Clustering for model training

Train various predictive, classification, clustering models on your data.

Easily Apply trained models on production data in Data-flows

Model - CART - Heart Disease likelihood Train Model

General Quality Related

F1 Value Model Accuracy 28%

	Predicted Values				Total	Precision	Recall	F1
	Absent	Highly Likely	Less Likely	Others				
Absent	13	0	0	23	36 (60%)	81%	35%	0.49
Highly Likely	3	0	0	7	10 (17%)	0%	0%	0.00
Less Likely	0	0	0	10	10 (17%)	0%	0%	0.00
Others	0	0	0	4	4 (7%)	9%	98%	0.17
Total	16 (27%)	0 (0%)	0 (0%)	44 (73%)	60 (100%)			

Correct Prediction 0 100%
Incorrect Prediction 0 100%

Easily visualize quality metrics for each trained model

Select Train Two-Classification Model Script

Naive Bayes for Classification

Random Forest for model training

CART for model training

Neural Network for Classification

Logistic Regression for model training

SVM for Classification

- Naive Bayes - Attrition Train Model

Quality Related

Positive Label for Attrition Yes

	Predicted Values		Total
	Yes	No	
Yes	17	30	47 (16%)
No	9	238	247 (84%)
Total	26 (9%)	268 (91%)	294 (100%)

Correct Prediction 0 100%
Incorrect Prediction 0 100%

17 – ML : Custom Script upload and Apply

DVD
Only

Add Script

Name

Geo Location To Address (Python)

Change file

Description

This script translate longitude and latitude to address.

Preview of Geo Location To Address (Python)

Parameters

Inputs

Outputs

name

house_number

street

settlement

OK

Cancel

Add Script

Name

R.TermFrequency

Change file

Description

Script Version: V1
Description:
This script term frequency analysis on textual data. It takes textual data as input, filters out stop words and identifies number of

Preview of R.TermFrequency

Parameters

Inputs

Outputs

RecID

RecTxt

TermFrequency

Upload any custom scripts (R, Python) to the system and train/apply them just like any OOB Models

Data Visualization Desktop

Home

Data Visualization

Projects

Data

Machine Learning

Console

ORACLE Data Visualization Desktop

Machine Learning

Scripts

Models

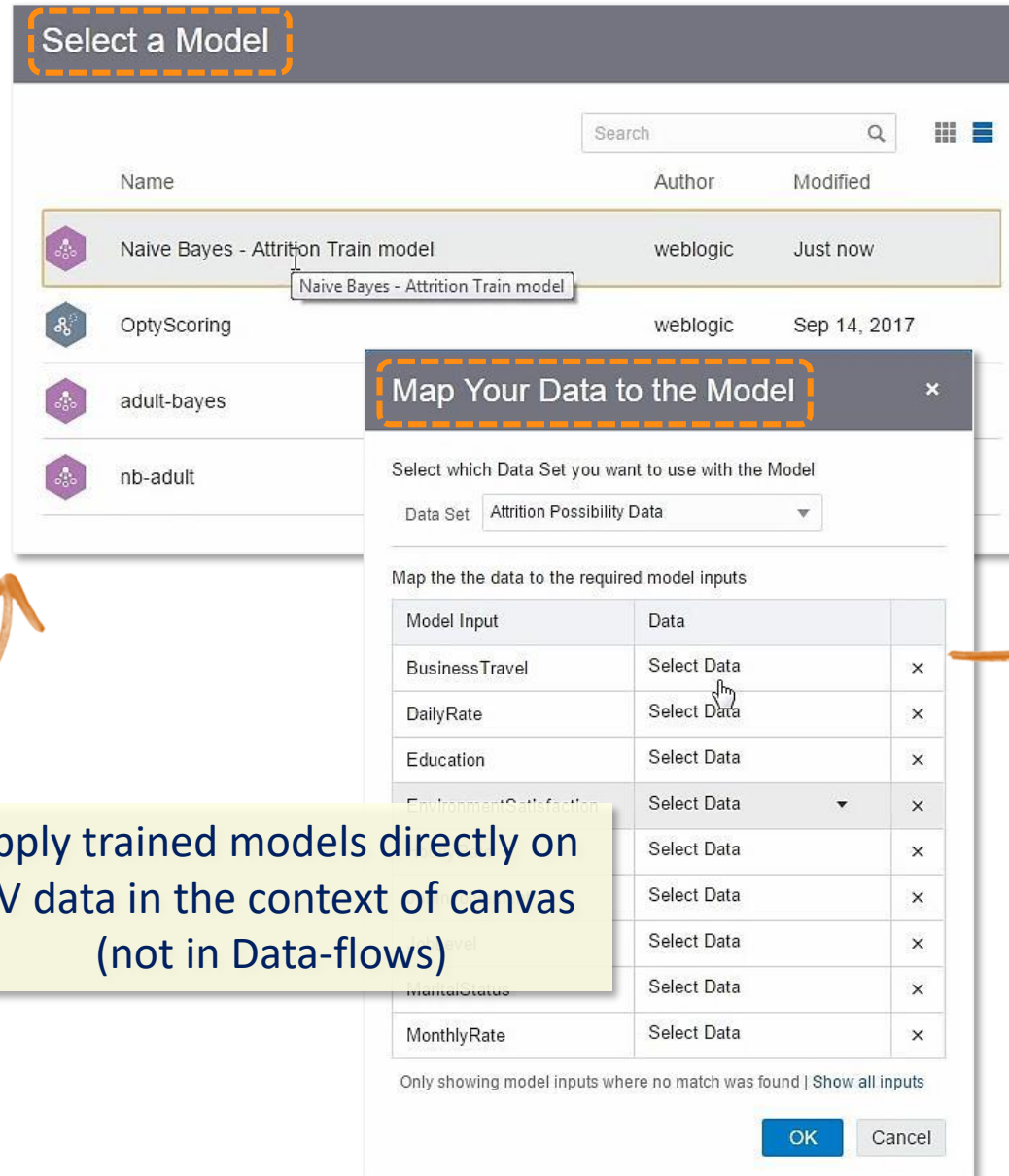
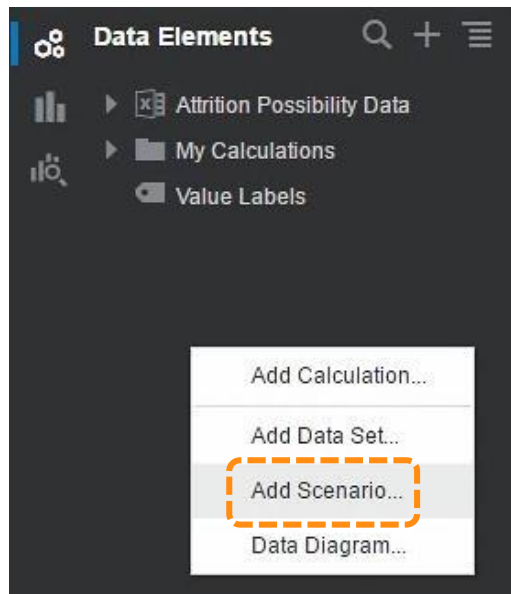
Updated Just now

Naive Bayes - Attrition Train M...

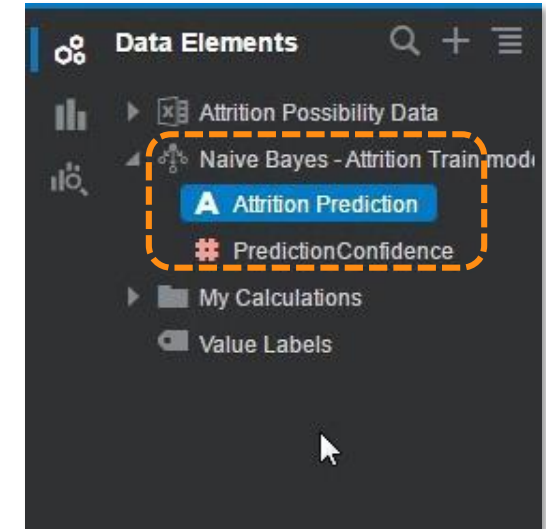
Updated Just now

CART - Heart Disease likelyho...

18 – ML : Model Scenarios



Apply trained models directly on DV data in the context of canvas (not in Data-flows)



19 – Embedding DV Content

OAC
Only

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

20, 21 – Data Replication, Email Deliveries

Define and schedule automatic replication of Oracle Service Cloud data-sources into OAC

ORACLE® Data Visualization

Untitled - Data Replication

Source → Objects → Target

Source

Source Connection [Select Connection](#)

OAC Only

ORACLE® Analytics Cloud

Console

Users & Roles

Snapshots

Connections

Data Replication

Safe Domains

Deliveries ?

Search



Today

Refresh

Restore Jobs

Name	Date	Repeats	Status	Actions
No data to display				

22 – Map-viewer Administration Console in OAC

OAC
Only

ORACLE MapViewer Administration Console 12c

Home Admin **Metadata** Configuration About Logout

Signed in As admin

Metadata

Existing Data Sources

Name
OracleMaps
OBIEE_NAVTEQ_Sample



Access Map-viewer Console in OAC and customize map Backgrounds and Map Layers

List styles

List predefined themes

23 - Import / export TCM models

The screenshot displays the Oracle Thin Client Modeler interface. At the top, a navigation bar includes icons for VA Projects, Dashboards, Analyses, Catalog, **Modeler**, Console, and Academy. The main content area is titled 'Models' and features a dropdown menu set to 'All connections', a 'Create model' button, and an 'Import Model' button (highlighted with an orange dashed border). Below this is a table with the following structure:

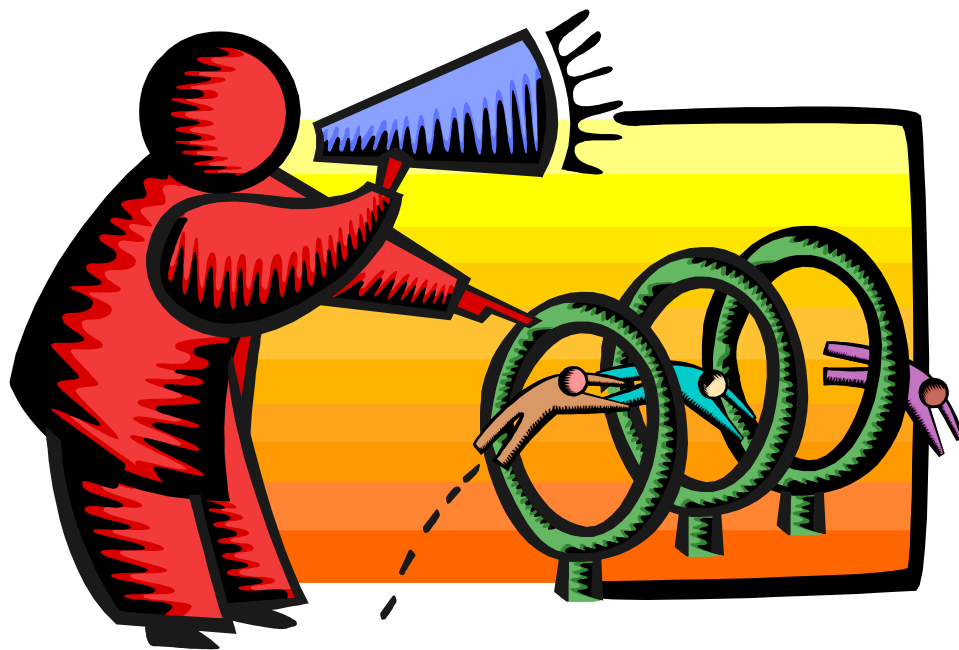
Name	Connects to	Last published	Actions
 SampleApp	Default connection Description: Database included with Oracle		 Open Delete Export (highlighted with an orange dashed border)

An 'Import Model' dialog box is open in the foreground, titled 'Import Model' (also highlighted with an orange dashed border). It contains the text 'Select the source JSON file' and an 'Upload' section with a 'Browse...' button and the text 'No file selected.' At the bottom of the dialog are 'OK' and 'Cancel' buttons.

Import and Export single models from Thin Client Modeler



Demo







Analytics and Data Summit

All Analytics. All Data. No Nonsense.

March 20 – 22, 2018

Formerly called the BIWA Summit with the Spatial and Graph Summit
Same great technical content...new name!



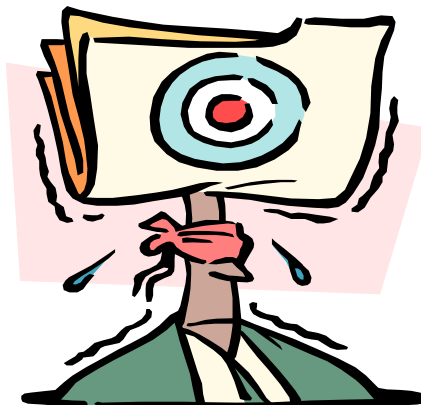
www.AnalyticsandDataSummit.org

Call for speakers is now open with rolling acceptances until December 22, 2017





Resources and Questions?



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Phone (816) 781-2880

Vlami Software Solutions

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

Vlami Home www.vlami.com Blog www.vlami.com/blog Prior OBIEE releases www.vlami.com/obiwebinars

Help on new features <https://docs.oracle.com/en/cloud/paas/analytics-cloud/acsw/index.html>

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=PLOcpw36tp3yKTe2EDF29vr60wWIM4aWDP>

YouTube Oracle Analytics Cloud - Essbase New Capabilities by Kumar Ramaiyer, Oracle <https://www.youtube.com/watch?v=kNjzqblFtZs>

Repeat webinar January 16, 2018 on OAC 4 new features <https://register.gotowebinar.com/register/6372765384033549313?source=decwebinar>

Analytics and Data Summit 2018 Conference <http://www.AnalyticsandDataSummit.org>