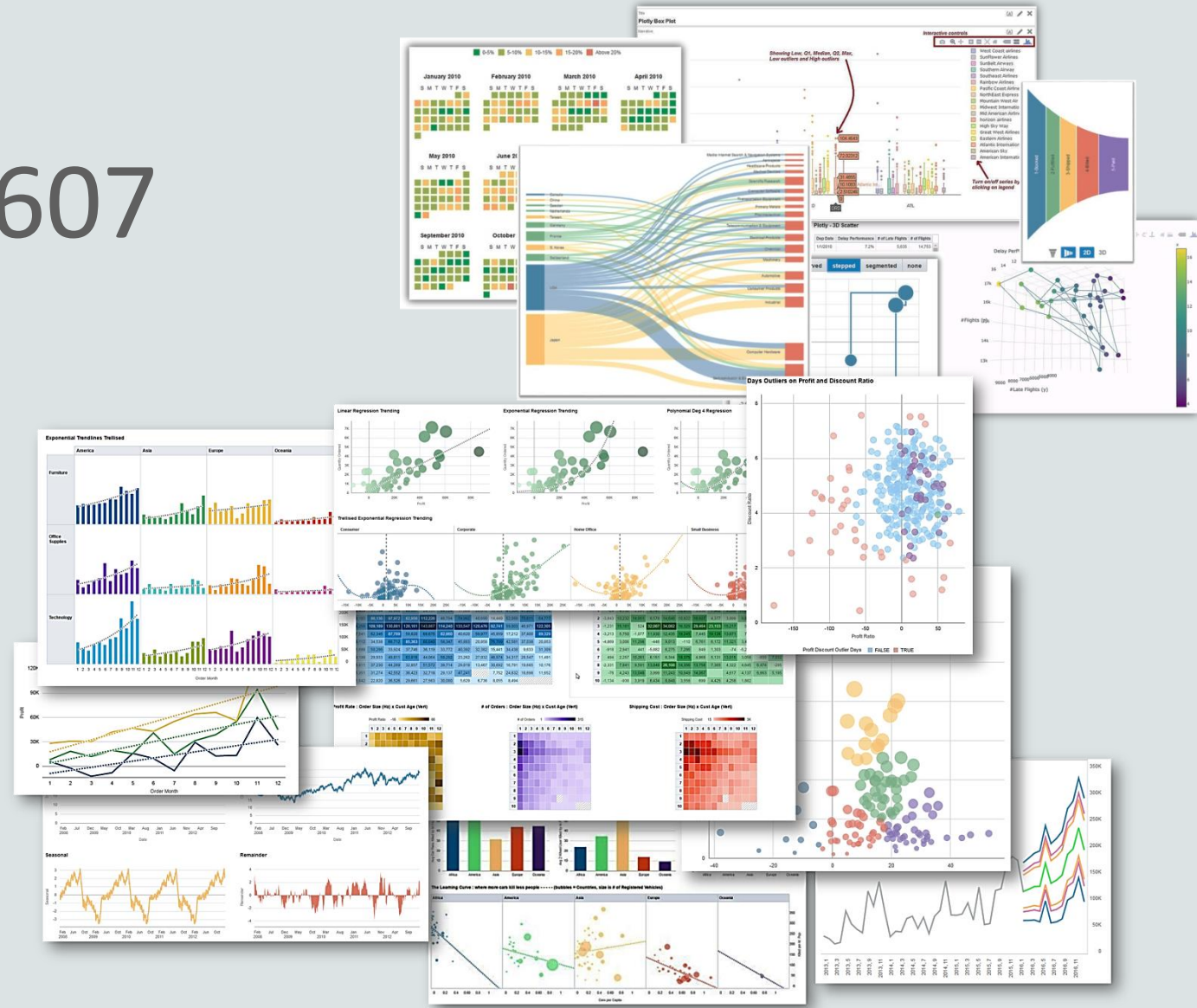


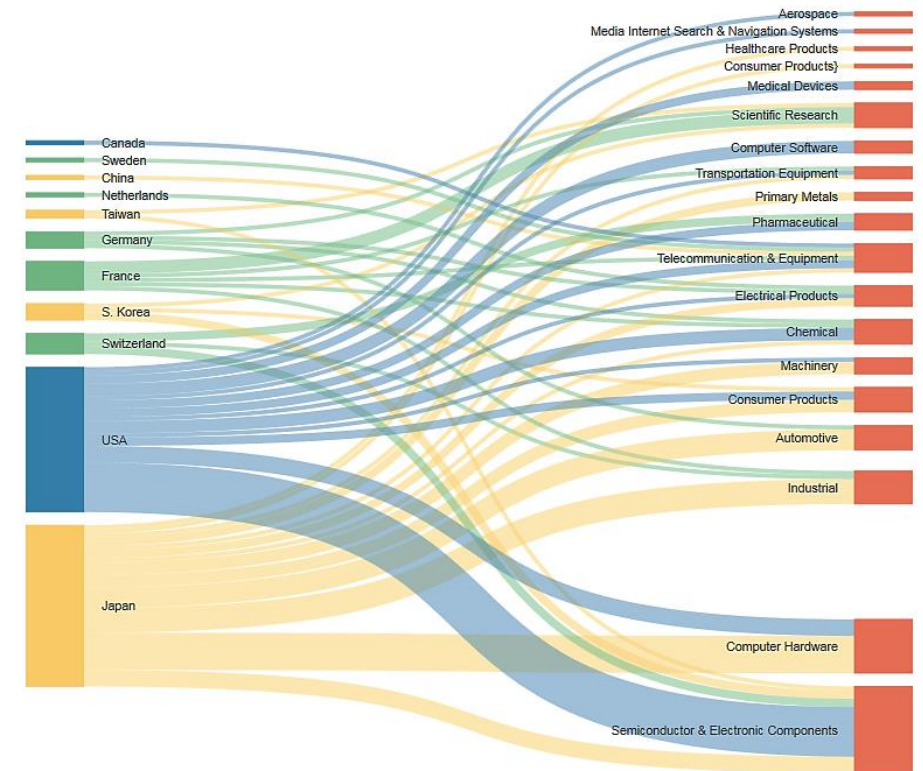
OBIEE SampleApp V607

What's New Overview
August 2016
Oracle BI PM Demo Group



SampleApp v607 : Installed Software

- Oracle Enterprise Linux 6.7 x64
- **OBIEE 12.2.1.1**
AWS ,Oracle MapViewer 12c, MV Demo Samples, Datasynch
- Oracle Database 12.1.0.2.0 EE (PuggableDB),
04/2016 patchset, APEX 5.0.3 & ORDS 2.0.1, ODM, Oracle Spatial
- ORE 1.4.1 & R-3.1.1
- Utils : Start scripts, MapBuilder, SQLDev 4.1.3



SampleApp v607 : What's new

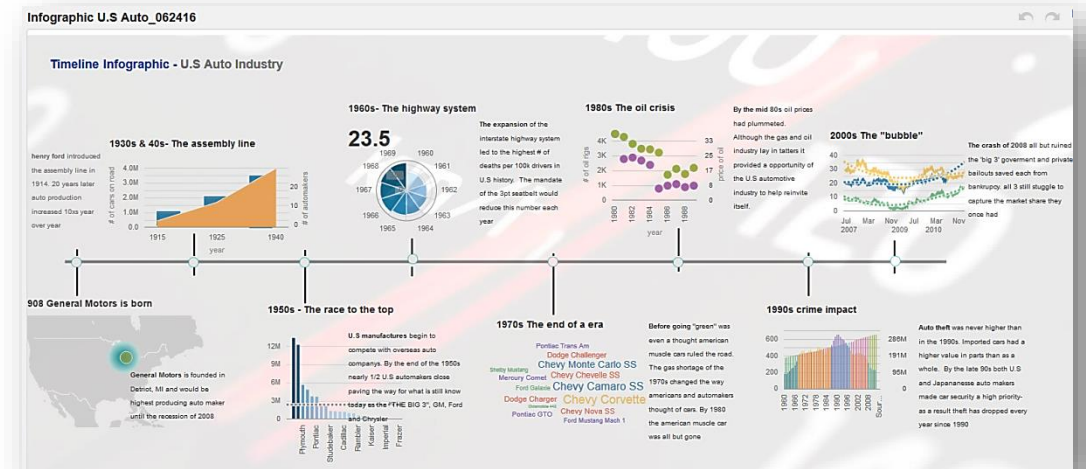
Sample-Sales data
time shifted to
2013, 2014, 2015

A. BI 12c Platform new features :

- DV projects examples leveraging latest DV capabilities :
external datasources, mashups, AA functions, Direct Database requests, Wrangling, Story Telling (Snapshots), Attribute function...
- Dashboards Sub-Pages tab examples, BIEE server Spark connection

B. Additional Integration & Customizations :

- Integrating JET visuals in Answers reports,
- 3D interactive R visuals in Answers with plotly
- Additional custom R scripts in DV/OBIEE
Sentiment, Term Freq, Time Series Decompose, Market Basket



SampleApp v607 : New DV Sourcing Features

Data Wrangling

Oracle DB, Spark, Impala, Hive direct DV sourcing...

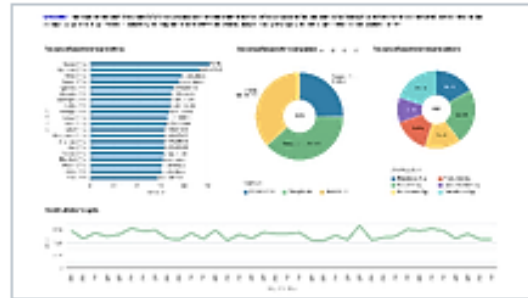
The screenshot shows a table titled 'Sample Order Lines' with columns 'Order Line ID', '# of Order Lines', and 'Order ID'. The first row contains the values '10' and '1'. A context menu is open over the table, listing various actions: 'Rename...', 'Duplicate', 'Convert to Number', 'Convert to Date', 'Group...', 'Split...', 'Concatenate...', 'Replace...', 'Uppercase', 'Lowercase', 'Sentence Case', 'Create Column...', 'Edit Column...', 'Delete', and 'Hide'. The time '9:17:34.3' is visible at the bottom of the menu.



Spark-Online Sales Analysis

Visual Analyzer

12:27 PM



OracleDB-Target Revenue A...

Visual Analyzer

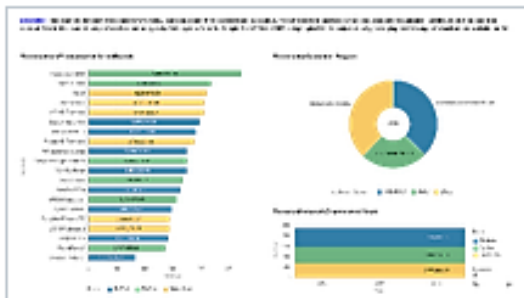
12:27 PM



OracleDB-Flight Delay Analy...

Visual Analyzer

12:27 PM



OBIEE-Sales Analysis

Visual Analyzer

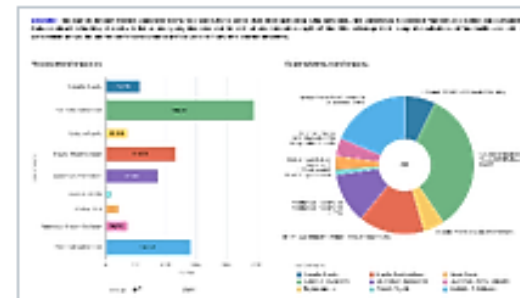
12:26 PM



Impala-Inventory Analysis

Visual Analyzer

12:26 PM



Hive - Customer Sales Analysis

Visual Analyzer

12:25 PM

And more....

SampleApp v607 : Big Data Related Samples



What's New In CDH 5.7.x

Continue reading:

- What's New in CDH 5.7.0
- What's New in CDH 5.7.1

What's New in CDH 5.7.0

The following sections describe new features introduced in CDH

- Operating System Support
- Apache Hadoop
- Apache HBase
- Apache Hive
- Hue
- Apache Impala (incubating)
- MapReduce
- Apache Oozie
- Cloudera Search
- Apache Spark
- Apache Sentry
- YARN



Spark Connectivity

Movie Title	Price	Count of Customers	Revenue
Match Point	364	6,007	\$2,187,569
Risky Business	299	5,106	\$1,524,141
Cabin Fever	283	4,999	\$1,412,617
The Time Machine	191	3,846	\$734,740
Dirty Dancing	181	3,421	\$619,509
Sweet Home Alabama	129	2,255	\$291,684
Four Rooms	143	1,965	\$281,545
Memento	158	1,279	\$202,683
Candyman	100	2,005	\$199,498
Braveheart	122	1,065	\$129,493
Gladiator	96	1,303	\$124,677
American Beauty	75	973	\$72,733
Schindler's List	93	765	\$70,900
Casablanca	63	696	\$43,700

CDH 5.7, Spark, BDSQL

Log Analysis

Summary Statistics:

- # of Requests: 108K
- # of Countries: 37
- Avg Time in Mins: 29
- Total Time in Mins: 3M

Country	# of Requests
United States	103,700
Canada	2,457
China	1,241
Japan	366
Netherlands	86

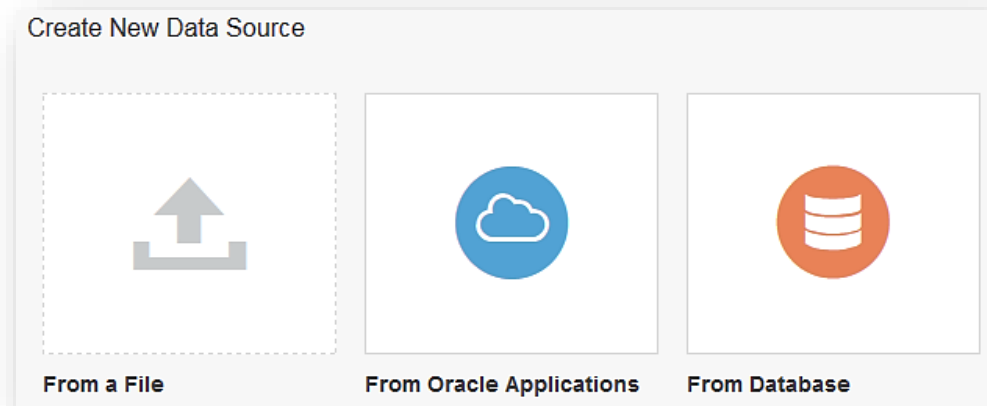
DV Projects – Spark, Impala, BDSQL, Hive

Spark-Online Sales Analysis Visual Analyzer 3:57 PM
Hive - Customer Sales Analysis Visual Analyzer 3:55 PM
Impala-Inventory Analysis Visual Analyzer 3:56 PM
Hive - Log Analysis Visual Analyzer 4:54 PM

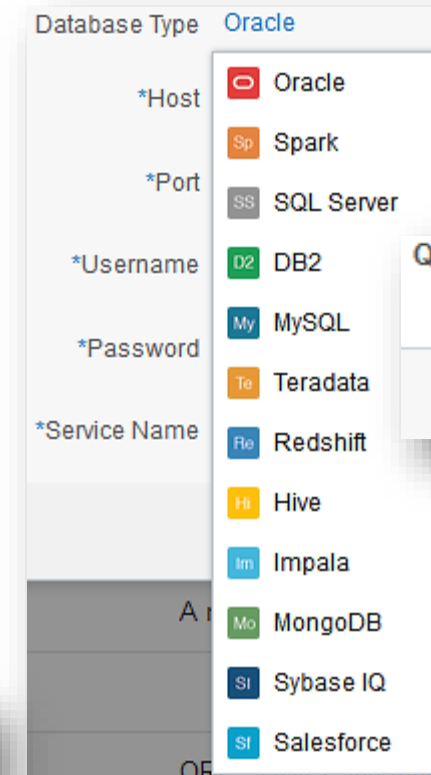


SampleApp v607 : New DV Sourcing Features

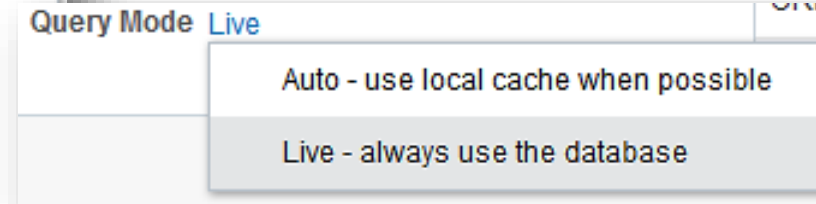
Multiple datasource types



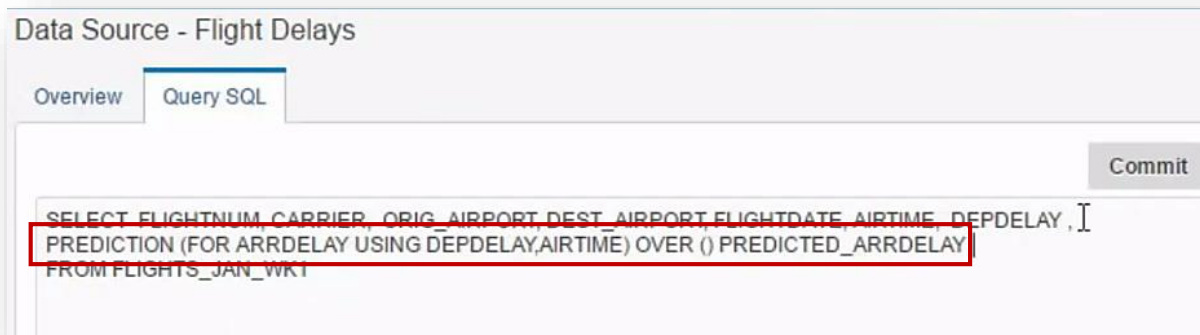
Numerous Connection types



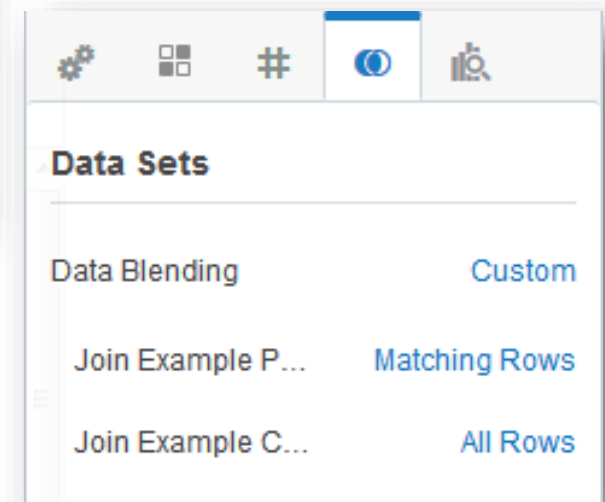
Live Connection Flag



SQL Based Sources (including Advanced SQLs)



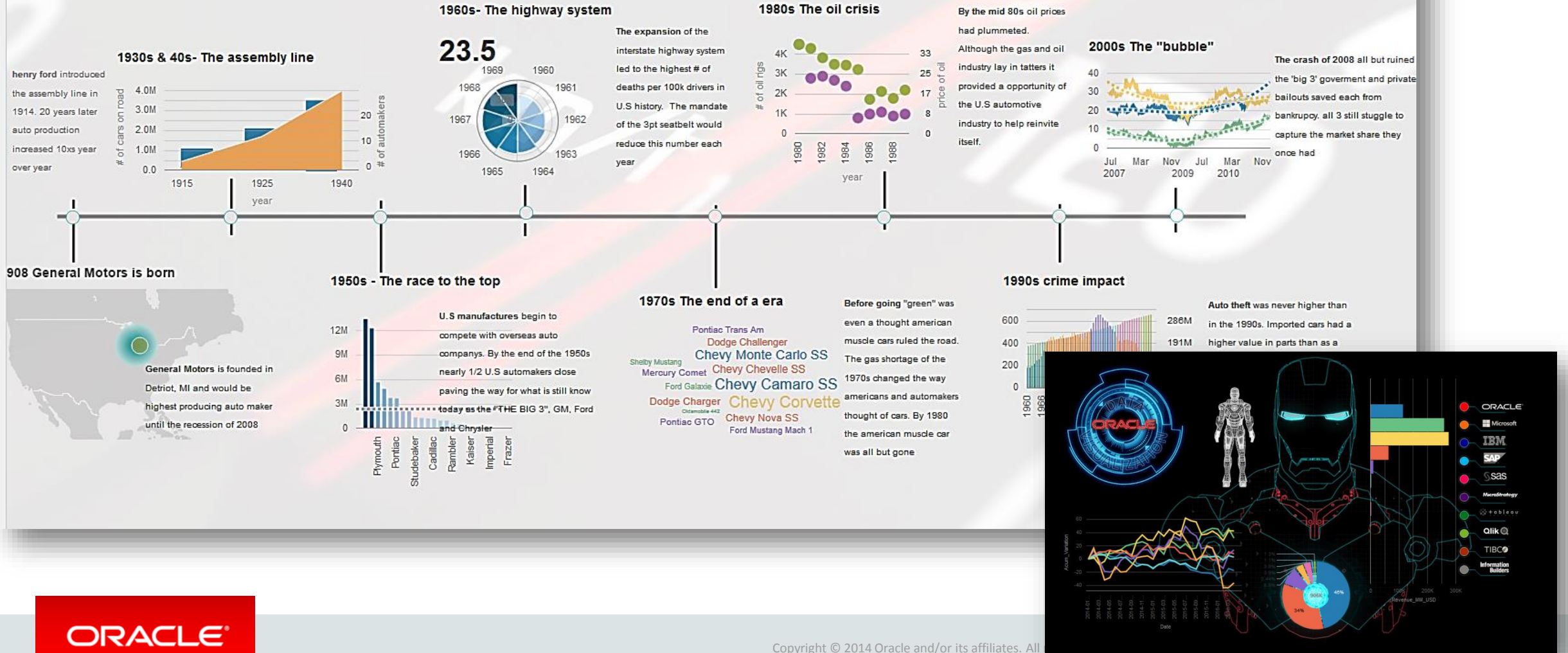
Edit Join type (Data Blending)



SampleApp v607 : Freeform DV Visualizations

Infographic U.S Auto_062416

Timeline Infographic - U.S Auto Industry



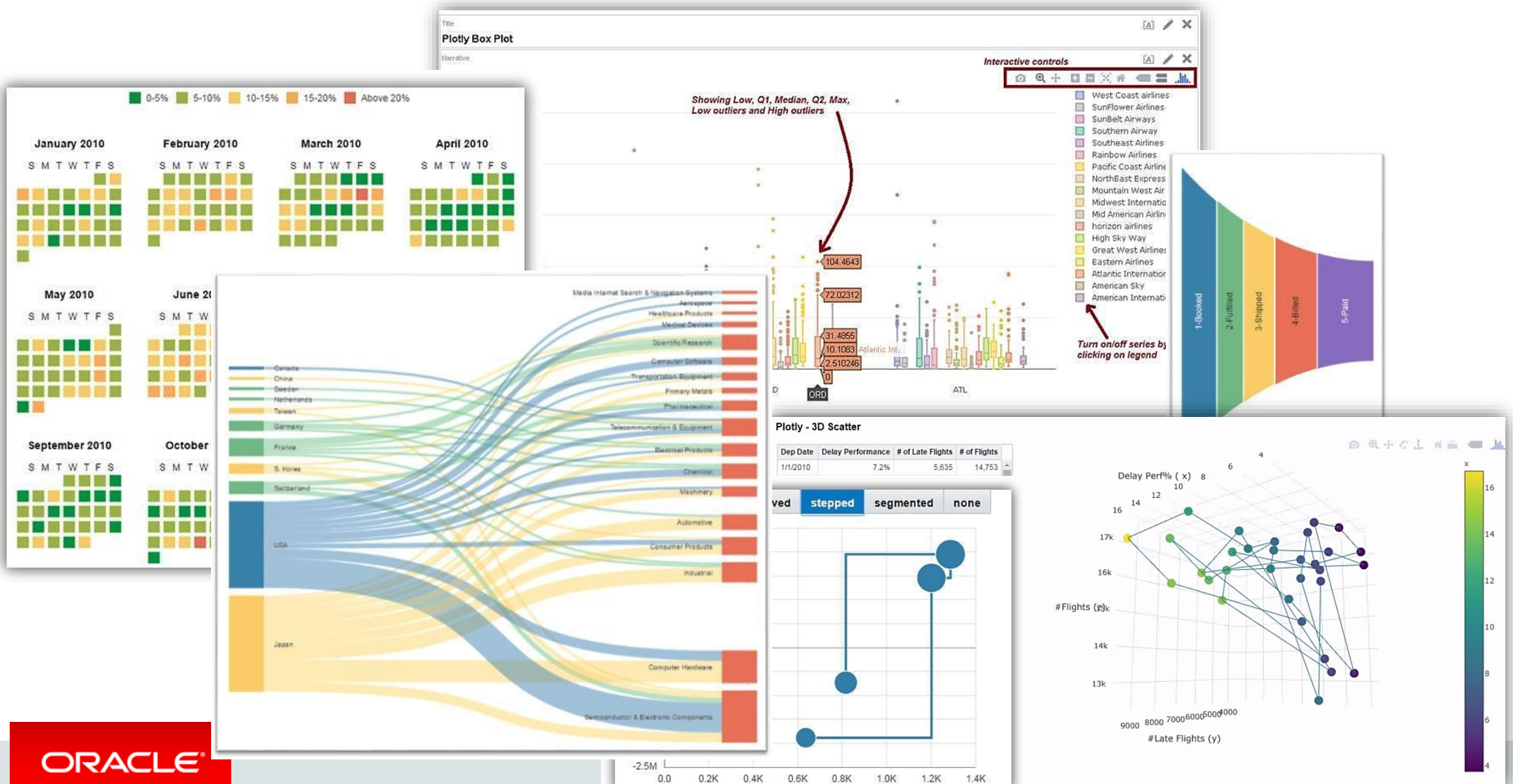
SampleApp v607 : Advanced analytics DV Examples-

requires R installation to be enabled- see desktop ICON for details



Includes custom R scripts and R viz examples

SampleApp v607 : Custom JET & R/Plotly 3D-Vizs in Answers



SampleApp v607 : BI Dashboard Sub Pages

Dashboard → **1.10 Whats New**

Pages → V606 (12.2.1.1) | **V511 (12.2.1.0)** | V506 (11.1.1.9) | V406 (11.1.1.7)

Subpages → Visual Analyzer 511 | Advance Analytics | R Visualizations | XLS Mashups | Heat Matrix | BVT - Overview | Download BLOB File

See multiple examples of Visual Analyzer projects sourcing from BI server and or Mashup files, stored in the webcat folders :

VA Catalog,
Advanced Analytics,
XSA World Economics,
XSA SFO Traffic,
XSA US Economics,
XSA US Lottery

Customer Bins : Profit x Revenue

Columns : Profit Bins (1 = low profit per cust, 15 = high profit)
Rows : Revenue Bins (1 = low revenue per cust, 15 = high revenue)

Customer Revenue Bins

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1					1	4	30	5						
2				1	3	7	14	26	24						
3	2	3	3	2	4	11	11	18	18	11	5	3			
4	3	4	1	4	6	10	8	15	19	10	9	6	7	2	
5	5	3	6	5	12	11	8	16	20	12	8	6	3		
6	4	6		5	7	10	5	16	16	7	13	7	2	7	
7	4		6	3	6	11	9	8	15	16	11	5	6	3	
8	6	2	4	1	2	5	10	4	6	12	5	3	7	1	
9	5	2	2	6	5	3	4	5	4	5	3	4	1	5	
10	5	1	1	2	2	5	5	3	6	3	5	8	2	2	

See multiple examples of how to use some of the Oracle JET library functions to vi
Visit this Dashboard for complete content

The screenshot displays a BI dashboard with several sub-pages. The top navigation bar includes '1.10 Whats New' and version links. Below it, there are tabs for 'Visual Analyzer', 'Oracle Jet Visuals', 'Interactive R Visuals', 'Advanced Analytics', and 'Big Data'. The main content area features a grid of charts for months from January to September 2010, a line chart with a legend for 'Line Type' (straight, curved), and a Sankey diagram showing data flow between categories like 'Hardware Search & Integration Systems', 'Software', 'Telecommunications & Equipment', etc.