

LET'S SPEAK BO WEBINAR SERIES

BRINGING TOGETHER BO USERS & SPECIALISTS TO DISCUSS EVERYTHING BUSINESSOBJECTS



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BusinessObjects Vs Tableau

Relate with Reporting requirements
– Part 2

By Rajesh Ponnurangam



Our Webinar Agenda

1

Recap of Part 1 Webinar

2

Calculated Fields, formulas, Parameters

3

Filters, Groups & Sets

4

BO with Tableau - Universe & WebI Connector



<https://www.speakbo.com/webinars/businessobjects-vs-tableau-relate-with-reporting-requirements/>

 **SPEAK BO**

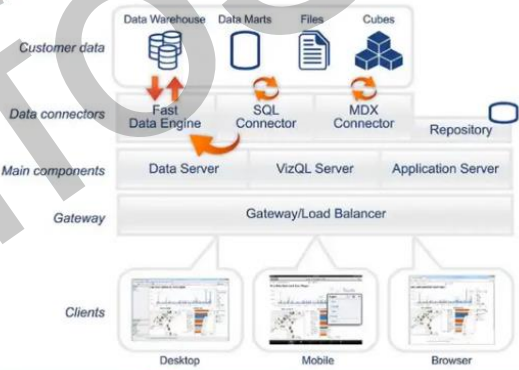
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BusinessObjects vs Tableau: Relate with Reporting Requirements

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 **Let's Speak BO Webinar: BusinessObjects vs Tableau: Relate with Reporting Requirements**
from **InfoSol Inc.**



1:01:06 

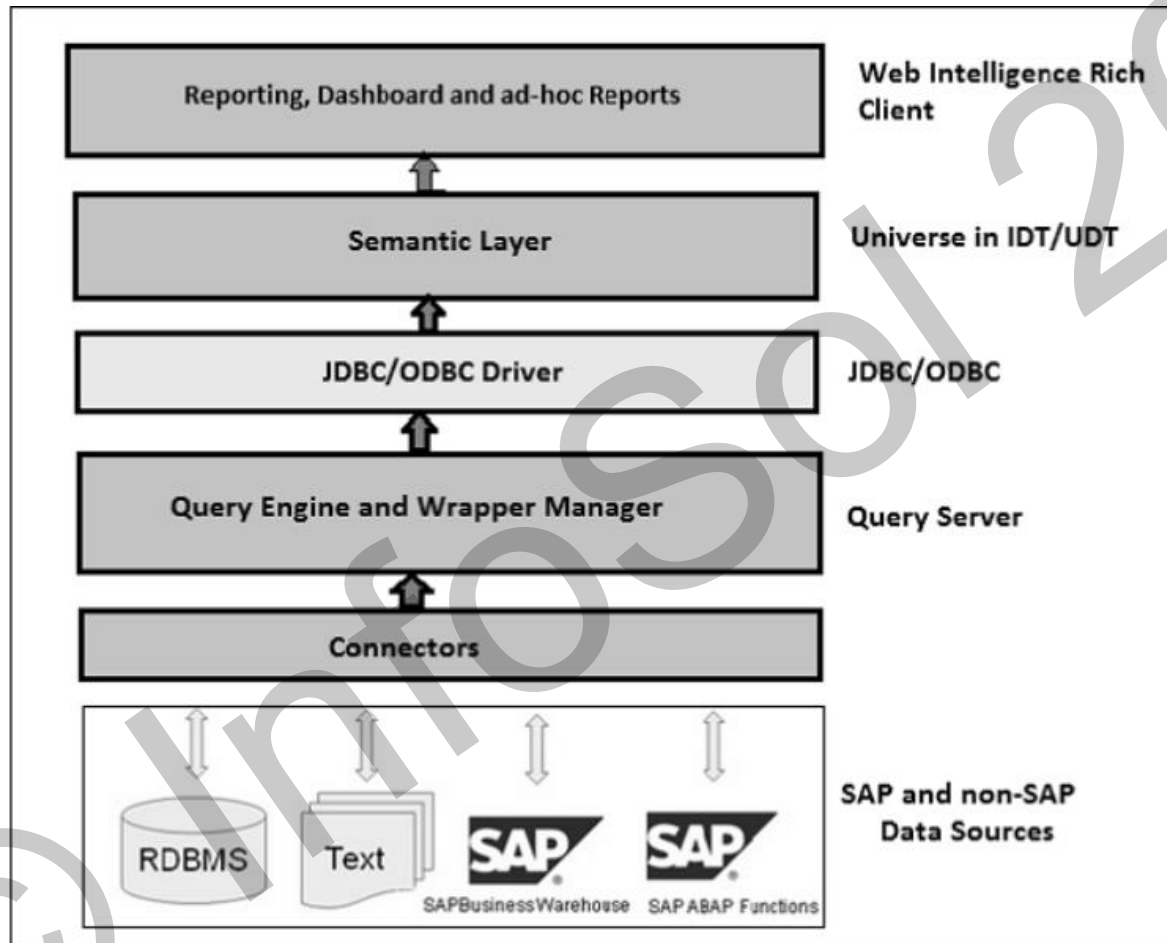


Web Intelligence

- Popular SAP BusinessObjects Self-service reporting tool – Easy for end users
- Drag and drop
- Connects to any data base via Universe & Free hand SQL
- Native SAP Connections – BW/Bex , HANA

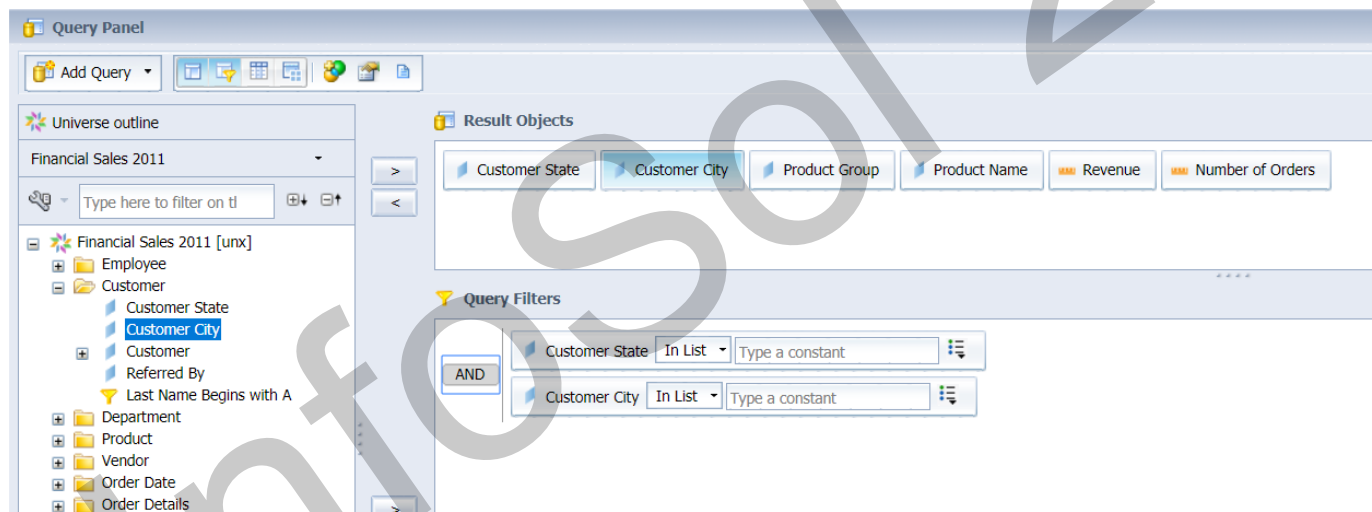


Web Intelligence Architecture

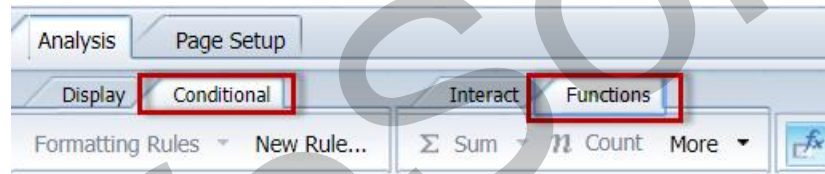
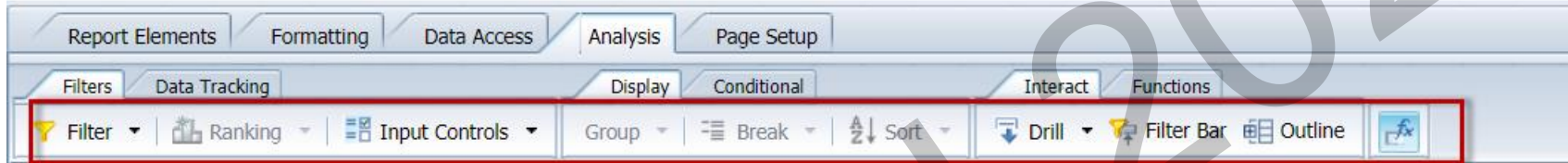


Features in Web Intelligence

Universe Filters & Query Filters



Report Functions in Web Intelligence



Formulas in WebI

The screenshot shows the 'Create Variable' dialog box in SAP WebI. The dialog is titled 'Create Variable' and has a 'Definition' section with fields for 'Name', 'Type' (set to 'Undefined'), and 'Description'. Below this is a 'Qualification' dropdown set to 'Dimension'. The 'Formula' section has a large text area for the formula, with 'OK' and 'Cancel' buttons. At the bottom, there are three panes: 'Available Objects' (listing New Document, Customer City, Customer State, Product Group, Product Name, Number of Orders, Revenue, Variables, and References), 'Available Functions' (listing Aggregate, All, Character, Data Provider, Date & Time, Document, Logical, Misc., Numeric, and Set), and 'Available Operators' (listing comparison operators, arithmetic operators, and logical operators). The 'OK' button is highlighted.



Throwback Tuesday

BI Platform 4.0

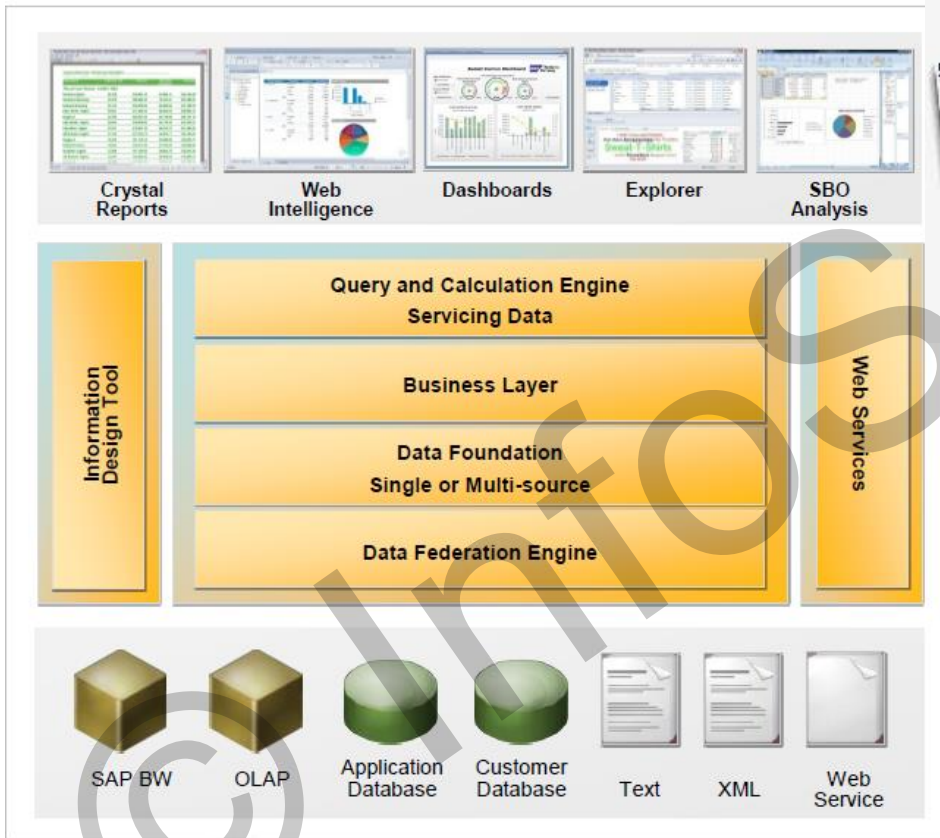


Tableau Architecture

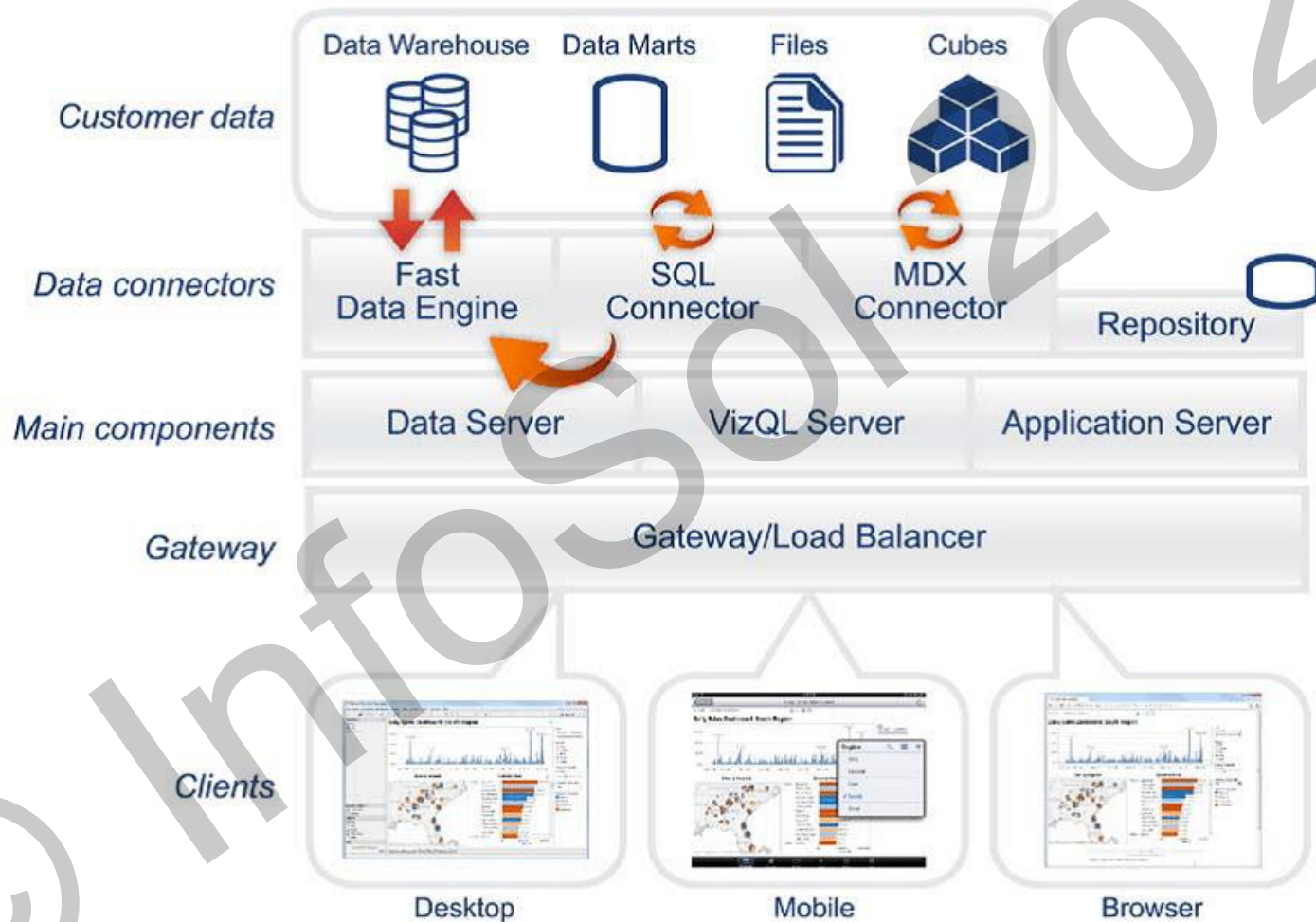


Tableau Filters

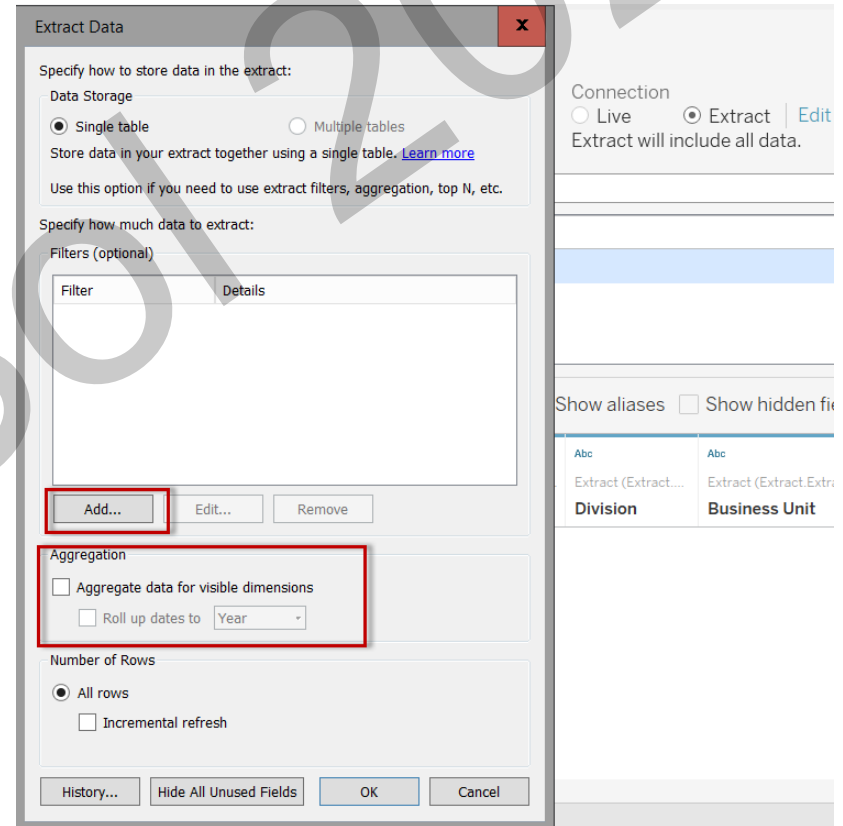
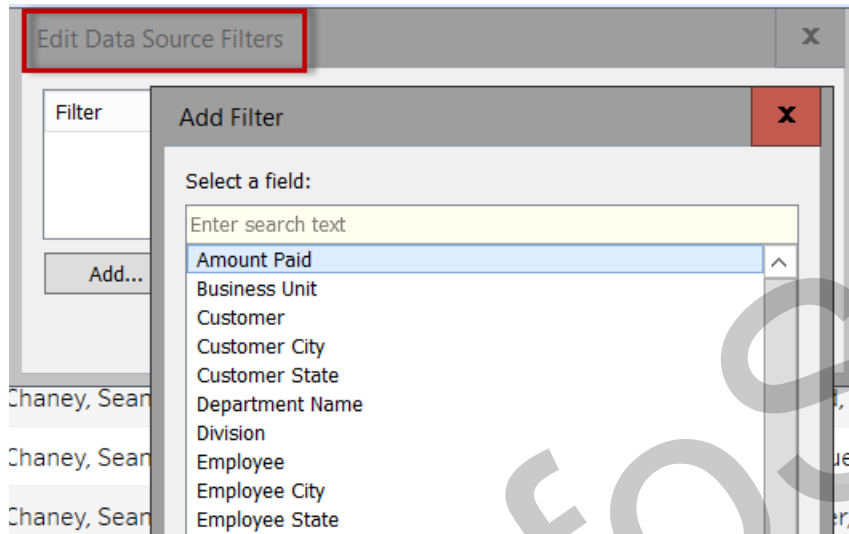


Tableau Reporting Features

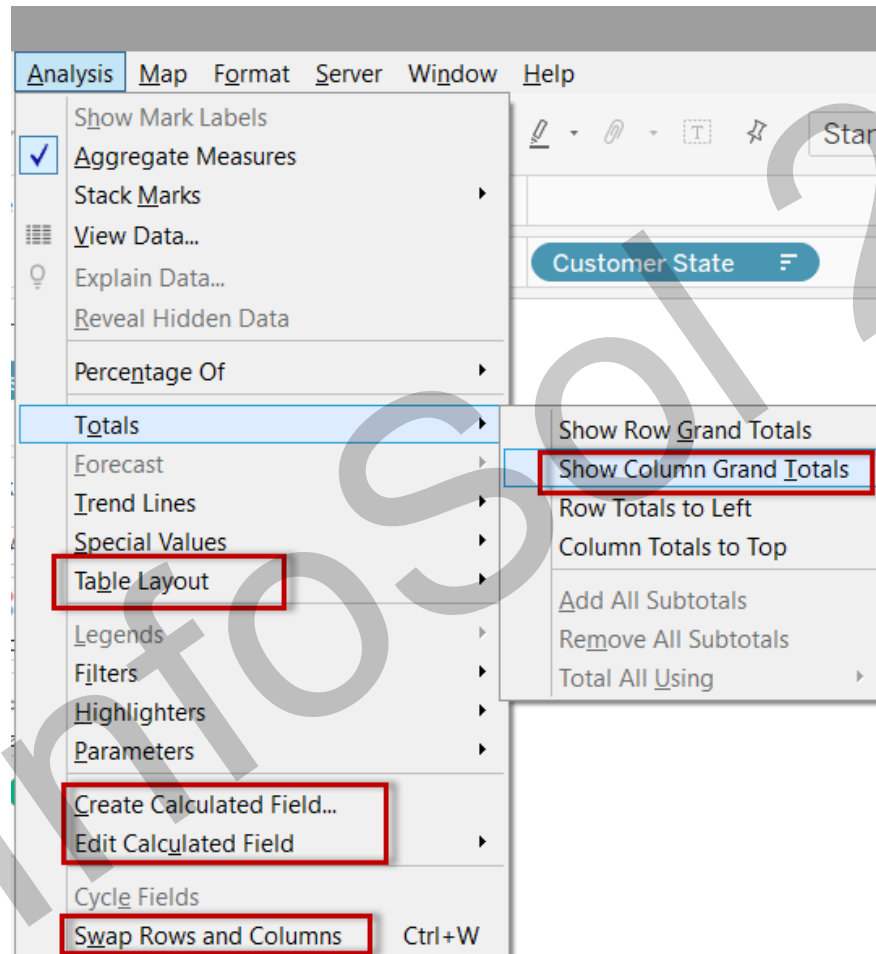
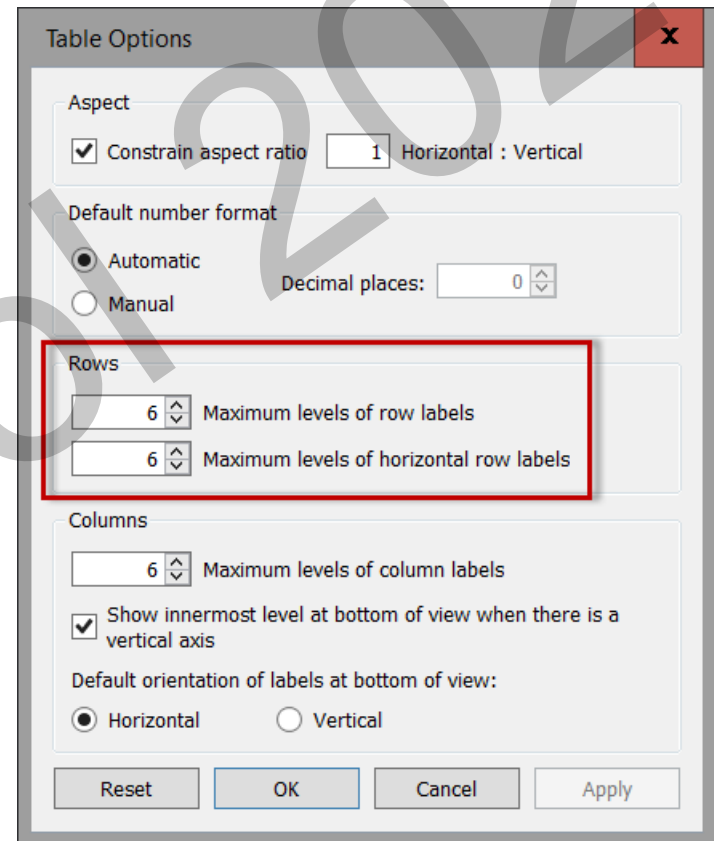
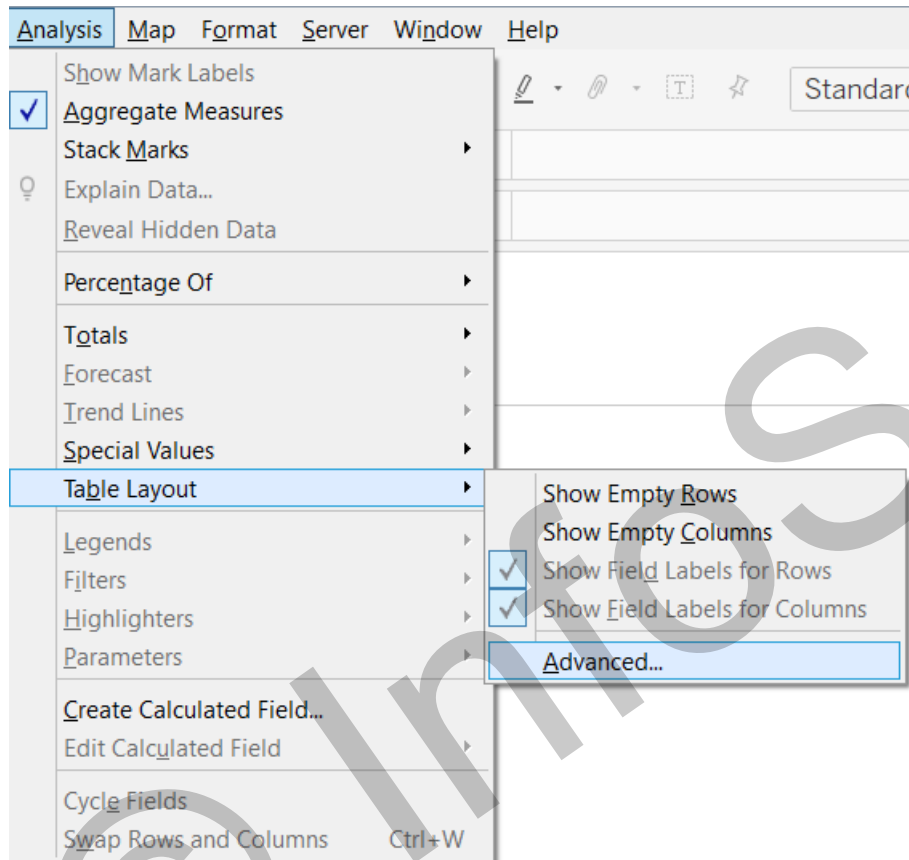


Tableau Table Options



Blue and Green Pills

BLUE PILL

Discrete

GREEN PILL

Continuous



		Order Date			
		2011	2012	2013	2014
Q1	January				
	February	-\$9,136	-\$5,963	\$4,325	-\$24,420
	March	\$50,380	\$26,256	\$28,319	\$33,625
Q2	April	-\$27,396	-\$4,272	-\$11,938	-\$13,797
	May	-\$4,547	-\$4,064	\$17,442	\$5,539
	June	\$10,947	-\$5,334	-\$17,261	\$2,609
Q3	July	-\$549	\$3,968	-\$990	\$169
	August	-\$6,037	\$8,133	-\$5,175	\$13,088
	September	\$53,368	\$27,698	\$39,643	\$28,973
Q4	October	-\$50,324	-\$33,191	-\$16,445	-\$12,695
	November	\$47,175	\$44,568	\$25,729	\$34,533
	December	-\$9,783	-\$1,053	\$15,045	-\$21,852





Calculated Fields in Tableau

Number Functions

Can be used with fields that contain numeric values

ABS()
FLOOR()

String Functions

Allows manipulation of String Data

LEN()
LEFT()
CONTAINS()

Date Functions

Allows manipulations of Dates

DATEADD()
DATEDIFF()
DATERUNC()

Type Conversion Functions

Converts fields from one data type to another

DATE()
STRING()





Filters, Groups & Sets

Filters

A dimension or measure that narrows the data shown in a view to focus on relevant information

Groups

Simplifies large numbers of dimension members by combining them into higher-level categories

Sets

A subset of your data that meets certain conditions based on existing dimensions



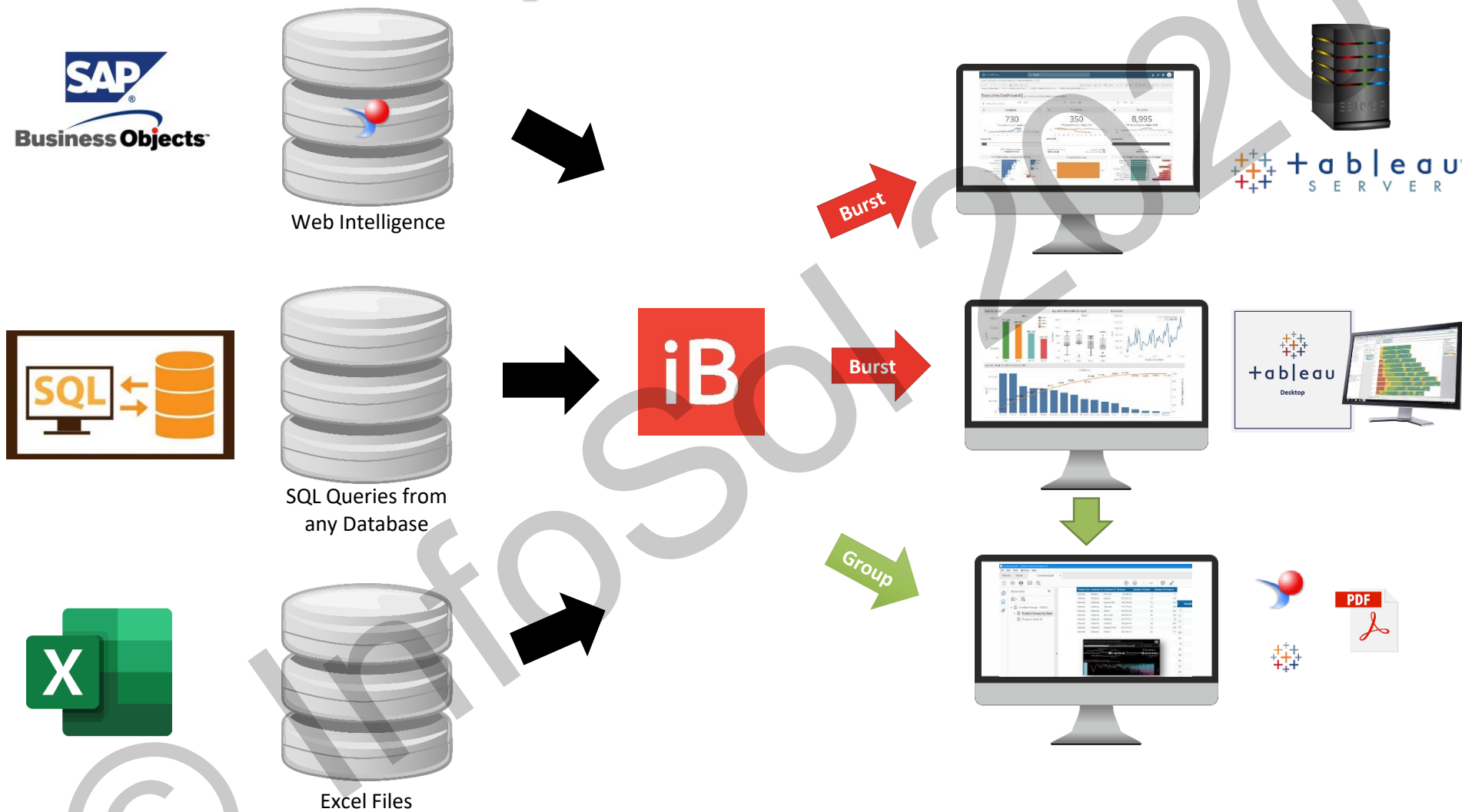


Best Practices

- Keep WebI for Reporting and Use Tableau for Dashbaording
- Keep in mind - No Semantic Layer in Tableau
- Use Tools such as InfoBurst to leverage BusinessObjects with Tableau



BusinessObjects + Tableau



References

- WebI Formulas

https://help.sap.com/doc/businessobject_product_guides_sbo42_en_sbo42sp2_ffc_user_guide_en_pdf/4.2.2/en-US/sbo42sp2_ffc_user_guide_en.pdf

- Tableau Calculated Fields

https://help.tableau.com/current/pro/desktop/en-us/calculations_calculatedfields_create.htm

- Tableau Parameters

https://help.tableau.com/current/pro/desktop/en-us/parameters_create.htm

- Tableau Level of Detail Calcs

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References

- Tableau Calculated Fields

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- Tableau Table Calculation

https://help.tableau.com/current/pro/desktop/en-gb/calculations_tablecalculations.htm

- Tableau Dynamic Parameters

<https://www.tableau.com/about/blog/2020/2/say-hello-dynamic-parameters>

