

WhereScape®

WHERESCAPE RED AND TABLEAU

Integrate Tableau with your Data Warehouse

With WhereScape RED's Tableau Integration Suite, you can automatically find the impact to your Tableau workbooks of any Data Warehouse change.

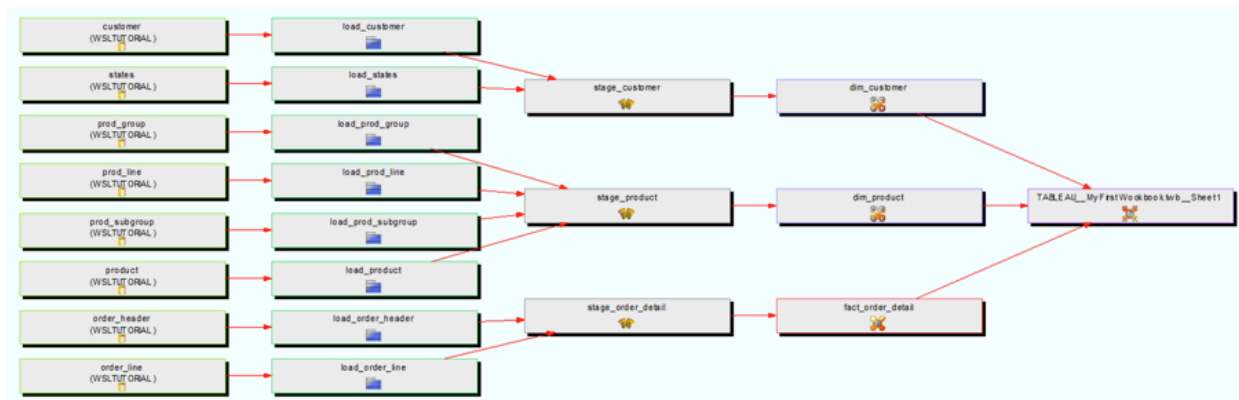
You can also create Tableau extracts by drag and drop, send Tableau objects to a Tableau Server and refresh any objects on the Tableau Server as part of you data warehouse schedule.

Features:

Tableau Impact Analysis

- End to end impact analysis
- Discover what data warehouse tables a Tableau workbook is using and even their ultimate source system tables/columns
- Find out what Tableau workbooks will need to change for a data warehouse change
- Fully Automated and schedulable
- Results appear in the WhereScape RED documentation

Display the Data Lineage for a Sheet in a Tableau Workbook in RED:



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Additional Features:

Tableau Server Publish

- Publish Tableau extracts, connection and workbooks to a Tableau Server
- Fully Automated – no coding
- Uses the Tableau command utility

Tableau Server Refresh

- Automatic creation of metadata
- Metadata stored in database tables for easy access
- Used to automatically create documentation and glossary
- Built in metadata reports and diagrams can be used by industry standard query tools

Tableau Extract Builder

- End to end impact analysis
- Discover what data warehouse tables a Tableau workbook is using and even their ultimate source system tables/columns
- Find out what Tableau workbooks will need to change for a data warehouse change
- Fully Automated and schedulable
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Build a Tableau Extract from Existing RED Metadata with Drag and Drop:

Column Name	Data Type	Source Table	Source Column
order_number	numeric(12)	fact_sales_detail	order_number
order_line_no	numeric(4)	fact_sales_detail	order_line_no
customer_code	numeric(6)	fact_sales_detail	customer_code
customer_name	varchar(45)	dim_customer	customer_name
customer_address	varchar(40)	dim_customer	customer_address
customer_city	varchar(30)	dim_customer	customer_city
state_code	varchar(2)	dim_customer	state_code
state_name	varchar(256)	dim_customer	state_name
country	varchar(256)	dim_customer	country
continent	varchar(256)	dim_customer	continent
order_date	datetime	fact_sales_detail	order_date
product_code	numeric(6)	fact_sales_detail	product_code
product_description	varchar(64)	dim_product	product_description
product_line_code	varchar(24)	dim_product	product_line_code
product_line_description	varchar(64)	dim_product	product_line_description
product_group_code	varchar(24)	dim_product	product_group_code
product_group_description	varchar(64)	dim_product	product_group_description
product_subgroup_code	varchar(24)	dim_product	product_subgroup_code
product_subgroup_description	varchar(64)	dim_product	product_subgroup_description
ship_date	datetime	fact_sales_detail	ship_date
unit_sale_price	numeric(9,3)	fact_sales_detail	unit_sale_price
quantity	numeric(8)	fact_sales_detail	quantity
sales_value	numeric(13,2)	fact_sales_detail	sales_value
tax	numeric(9,2)	fact_sales_detail	tax

The screenshot shows the Tableau Extract Builder interface. On the left, a list of dimensions is available, including address, city, continent, country, customer code, description, group description, line description, name, order date, order line no, order number, prod group, prod line, product code, ship date, state code, state name, subgroup, subgroup description, and Measure Names. On the right, the Marks card shows a green pill for 'SUM(sales value)'. The Columns shelf contains 'YEAR(order)' and the Rows shelf contains 'prod group'. A data preview table is visible on the right side of the interface.

prod group	product code
Balls	1001
	1006
Blocks	1003
	1008
Clubs	1007
Equipment	1002
	1009
Talking	1004

TERADATA ORACLE IBM DB2 Microsoft SQL Server

NETEZZA

hadoop

Greenplum

Microsoft SQL Server Parallel Data Warehouse

Microsoft Azure

About WhereScape

The pioneer in data warehouse automation software, WhereScape empowers organizations constrained by time, money or lack of resources, to deliver business value from their decision support infrastructure – including enterprise data warehouses, business facing data marts, and big data solutions. WhereScape has global operations in the USA, UK, Singapore, and New Zealand. www.wherescape.com

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