

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.

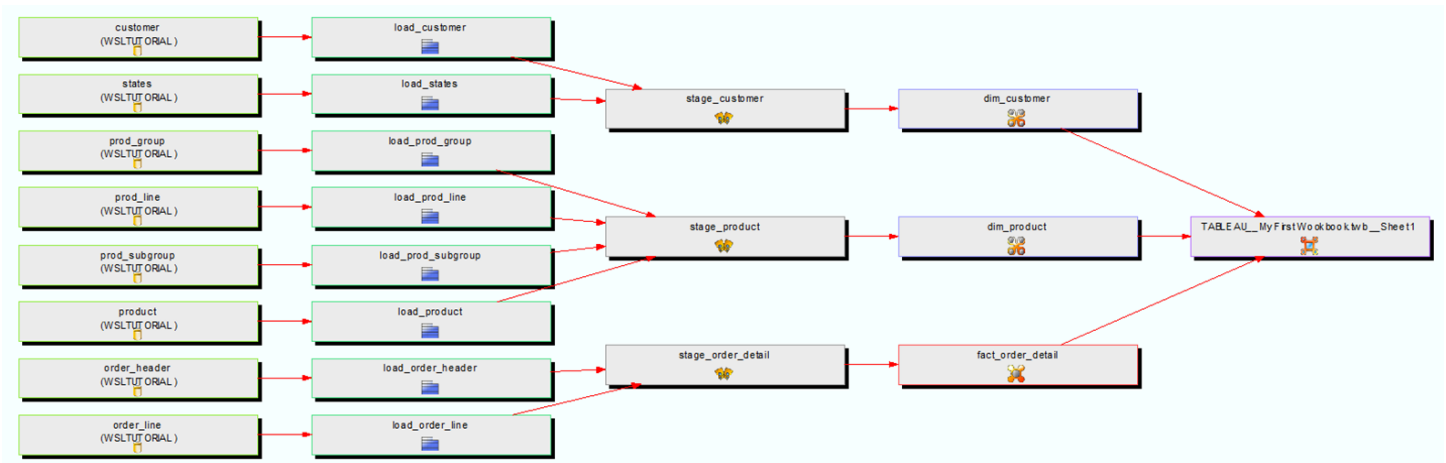
You can also create Tableau extracts by drag and drop, send Tableau objects to a Tableau Server and refresh any objects on the Tableau Server as part of your data warehouse schedule.

> 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:



➤ Additional Features

Tableau Extract Builder

- Build a Tableau extract file from a fact table or a view using WhereScape RED
- Organize and manage the contents of the Tableau extract file
- Fully Automated – no coding
- Utilizes the Tableau Extract API

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

- Refresh any Tableau object on a Tableau Server
- Coordinate the Tableau Server refresh with your data warehouse schedule
- Fully Automated – no coding
- Uses the Tableau command utility

➤ 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 Desktop interface with a Tableau Extract file named 'exp_sales_cube Extract' loaded. The Dimensions pane on the left lists various fields from the metadata table, including 'prod group' and 'product code'. The Measures pane lists 'SUM(sales value)'. The Marks card is set to 'Automatic' and shows 'SUM(sales value)'. The Columns and Rows shelves are empty, and the View is set to 'Table'.