



# **TIBCO Flogo® Connector for Salesforce.com Einstein Analytics User's Guide**

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# TIBCO Documentation and Support Services

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## How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit <https://docs.tibco.com>.

## Product-Specific Documentation

The following documentation for this product is available on the [TIBCO Flogo® Connector for Salesforce.com Einstein Analytics](#) Product Documentation page.

- *TIBCO Flogo® Connector for Salesforce.com Einstein Analytics Release Notes*
- *TIBCO Flogo® Connector for Salesforce.com Einstein Analytics Installation*
- *TIBCO Flogo® Connector for Salesforce.com Einstein Analytics User's Guide*

## How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://www.tibco.com/services/support>.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

## How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the [TIBCO Ideas Portal](#). For a free registration, go to <https://community.tibco.com>.

## Overview

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Access the Salesforce.com Einstein Analytics External Data API using the TIBCO Flogo<sup>®</sup> Connector for Salesforce.com Einstein Analytics connector (also known as Salesforce Wave Analytics). The TIBCO Flogo<sup>®</sup> Connector for Salesforce.com Einstein Analytics connector provides mechanism to upload and delete data to and from Salesforce.com Einstein Analytics. You can also check the status of your previous Upload or Delete data request.



Use your existing or new Salesforce.com connections with your Salesforce.com Einstein Analytics activities. You must have valid Salesforce.com connections created on the **Connections** page before using it with the Salesforce.com Einstein Analytics activities.

# SF Wave Upload

The SF Wave Upload activity is used for uploading data into Salesforce.com Einstein Analytics. It provides three operations **Upsert**, **Append**, and **Overwrite**.



The data and metadata for the Append and Upsert operations must match the data set on which the operation is taking place. All columns, dimensions, and measures must match exactly.

**Upsert** - Inserts rows in a data set if the row does not exist or it updates the row if the row already exists. It creates a data set if the data set does not exist. Each row to be upserted can contain one (and only one) ID field as an unique identifier.

**Append** - Appends all data to the data set. Creates a data set if it does not exist.

**Overwrite** - Creates a data set with the given data. Replaces the data set if it exists.

## Configuration

The **Configuration** tab has the following fields that identify which Salesforce.com connection to use and the type of object to create.

Field	Description
Connection Name	Salesforce.com connection name. If you have created multiple Salesforce.com connections, select the one you want to use from the drop down menu for this field.
Operation	Select one of the following: <b>Upsert</b> , <b>Append</b> or <b>Overwrite</b> .
Metadata Json	Provide the metadata for the data that you would like to upload. Refer to the Salesforce documentation for details.

## Input

Field	Description
Dataset	Name of the data set to which you want to upload the data
AppName	Name of the app in which the data set exists or needs to be created. This app must exist in Salesforce.com Einstein Analytics.
Records	Array of records. Each record contains fields available in the metadata.json

## Output

Field	Description
hasErrors	Displays <b>True</b> if request was not successful and returned errors.
results	Result of the upload request.
results -> id	ID of the submitted Job
results -> referenceId	Reference ID of the Job

The output of an activity is displayed for informational purposes only in this tab and cannot be modified or altered. The information in this schema varies depending on the operation that you selected in the **Configuration** tab. The elements that you see in the schema can be mapped as input to the activities which follow this activity in the flow.

# SF Wave Check Status

The SF Wave Check Status activity is used for checking the status of a job that you have submitted in Salesforce.com Einstein Analytics.

## Configuration

The **Configuration** tab has the following fields that identify which Salesforce.com connection to use and the option to wait for the completion of job processing.

Field	Description
Connection Name	Salesforce.com connection name. If you have created multiple Salesforce.com connections, select the one you want to use from the drop down menu for this field.
Wait For Completion	<p>Indicates whether this flow should wait till upload or delete job processing is completed. By default, it is set to <b>False</b>. Setting <b>Wait For Completion</b> to <b>True</b> exposes the following fields:</p> <p><b>Timeout</b> - Enter a value to specify the number of seconds an internal API call must wait before the data returns. The default timeout value is 180 seconds. This is a mandatory field.</p> <p><b>Time Interval</b> - Enter a value to specify the time interval between each <b>Check Status</b> call. The default time interval value is 15 seconds. This is a mandatory field.</p>

## Input

Field	Description
Id	Job ID for Salesforce.com Einstein Analytics Upload or Delete jobs whose status you want to check. You can map this to the id field from the output of a preceding Salesforce.com Einstein Analytics activity in the flow.

## Output

Field	Description
hasErrors	A boolean value which displays <b>True</b> if request was not successful and returned errors.
results	Result of the Check Status request.
results -> id	ID of the Job for which you are monitoring the status.
results -> Status	Returns current status of the job submitted.
results -> StatusMessage	If all goes well it returns Null otherwise it returns any warnings or the reason behind the Upload or Delete failure.

The output of an activity is displayed for informational purposes only in this tab and cannot be modified or altered. The elements that you see in the output schema can be mapped as input to the activities which follow this activity in the flow.

# SF Wave Delete

Use this activity for deleting records within a data set in Salesforce.com Einstein Analytics.

## Configuration

The **Configuration** tab has the following fields that identify which Salesforce.com connection to use and the type of object to create.

Field	Description
Connection Name	Salesforce.com connection name. If you have created multiple Salesforce.com connections, select the one you want to use from the drop down menu for this field.
Metadata Json	Provide the metadata for the data that you would like to delete. The metadata for the delete operation must be a subset of the data set columns. Refer to the Salesforce documentation for details.

## Input

Field	Description
Dataset	Name of the data set from which you want to delete records
AppName	Name of the app in which the data set exists
Records	Array of records. Each record contains fields available in the <code>metadata.json</code>

## Output

Field	Description
hasErrors	Displays <b>True</b> if request was not successful and returned errors.
results	Result of the delete request.
results -> id	ID of the submitted Job
results -> referenceId	Reference ID of the Job

The output of an activity is displayed for informational purposes only in this tab and cannot be modified or altered. The information in this schema varies depending on the operation that you selected in the **Configuration** tab. The elements that you see in the schema can be mapped as input to the activities which follow this activity in the flow.



## Legal and Third-Party Notices

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