

DATAFUSION USER GUIDE: CAM

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CAM VERSION 2.0



DataFusion





DataFusion

Step 1

Execute the exe file, in some cases it may take a short while to appear while instantiating the Flask server. Once up it opens in your default web browser as shown below

The screenshot shows the 'TM1 CONNECTOR' web interface. At the top is the 'Octane Software Solutions' logo. Below it, the title 'TM1 CONNECTOR' is displayed. A paragraph of text explains the purpose: 'Please fillout the components to collect the URL you will require for connecting your TM1 / Planning Analytics environment to visualisation tools such as Power BI, Qlik and Tableau. For any support issues please be sure to email support@octanesolutions.com.au'. The form contains several input fields: 'Server' (with sub-fields for 'IP Address' and 'Port Number'), 'User' (with sub-fields for 'User Name' and 'Password'), 'Select Mode' (a dropdown menu currently showing 'Base'), 'Select Method' (a dropdown menu currently showing 'Select from following'), and 'Select the visualization tool' (a dropdown menu currently showing 'PowerBI and Qlik'). Below these fields is an orange button labeled 'GET LINK'. Underneath this button is a text area labeled 'The Link'. At the bottom of the form are three orange buttons: 'COPY LINK', 'START AGAIN', and 'STOP SERVER'.



Step 2

Server Section: First 2 boxes are for server details of TM1 instance such as IP Address and Port Number (HTTPPortNumber present in the tm1s.cfg)

Example: Consider SData (TM1 instance) which is hosted inside local machine hence

IP Address is "http://<< server_name >>:<< http port number >>/api/v1/ "

Port Number is blank

Server

IP Address: http://<< server_name >>:<< h

HTTP Port Number:

Step 3

User Section: Next 2 entry boxes are for TM1 user Authentication, Username and Password.

Example:

User Name: Enter the windows Username [This user should have access to the TM1 instance]

Password: Enter the windows password

User

User Name: admin

Password: ****

Step 4

Select Mode: Next select IntegratedSecurityMode, which is present in tm1s.cfg file. It is differentiated as Base and CAM authentication here in web page

Example: SData instance uses IntegratedSecurityMode=5 so selecting CAM

Authentication

Select Mode

Base

Base

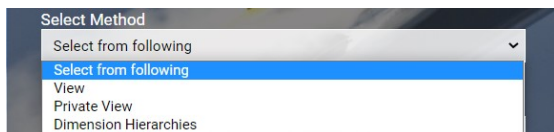
Cam

Cloud

Step 5

Select Method: This gives flexibility to extract the Data/Metadata with existing view choice and also extract Data Hierarchy

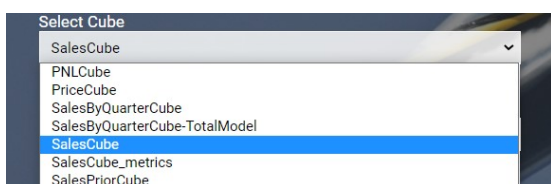
Example: Selecting View, which enables the Cube and view details for future selection



Step 6

Select Cube: It gives the list of cube details present in the SData instance. Choose the Cube for which the data needs to be pushed to Power BI/Qlikview.

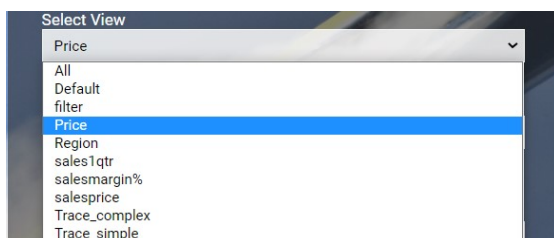
Selection also enables the Dimension attribute details for alias choice



Step 7

Select View: List out the View details present in the selected cube

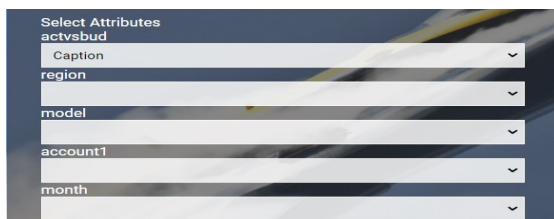
Example: Listed all views present in SalesCube, selected Price



Step 8

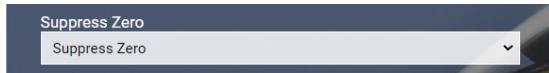
Selecting alias, this section is to help to get alias for dimension elements present in the cube.

Example: selected “caption” alias for “actvsbud” Dimension, rest dimensions using default names



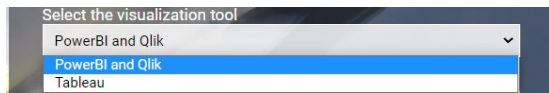
Step 9

Suppress Zero: Can select suppress zero if it's not done in View



Step 10

Select the visualization tool for exporting link



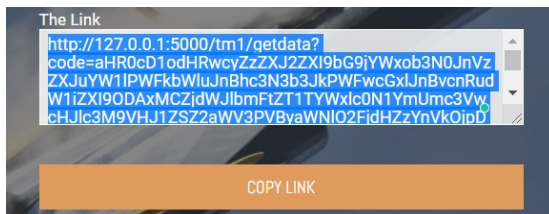
Step 11

GET LINK: will generate the link that need to paste in POWER BI / Qlikview tool. Fetch the data from TM1 to Power BI/Qlikview dashboard



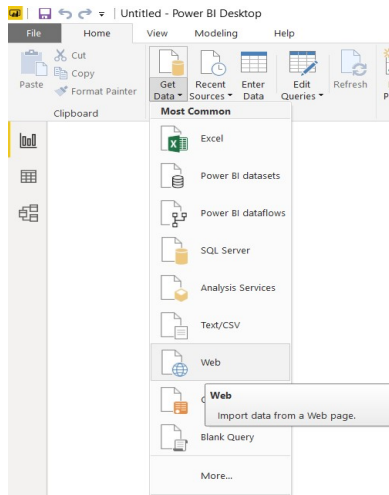
Step 12

COPY LINK: To Copy link



Open Power BI Desktop

Select Get Data -> Web

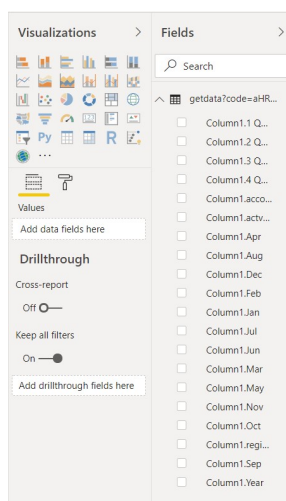


Paste the copied link from the web



Power BI - Power Query Editor

It opens the power query editor on successful fetching of data from TM1. Convert to table and you are ready to use data for Dashboarding



If new request need to be made, then go back to the Web page. Click on START AGAIN button, which reset the page and ready for new request.



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Once everything is done, click on STOP SERVER. Which kills the python code running on Background and prepare web browser for close

