

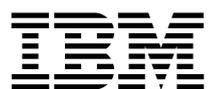
DATAFUSION USER GUIDE: BASE

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DECEMBER 2021
BASE VERSION 2.1



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.

DATAFUSION LINK GENERATOR

Server IP Address HTTP Port Number

User Name Password

Select Mode

Select Method

PowerBI and Qlik

GET LINK

The Link

IBM DataFusion

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 [localhost](#) and Port Number is [8010](#)

Server IP Address HTTP Port Number



Step 3

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

Example: Username: Admin and Password: <*****>

User Name	Password •
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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=1 so selecting Base Authentication

Select Mode ▾
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

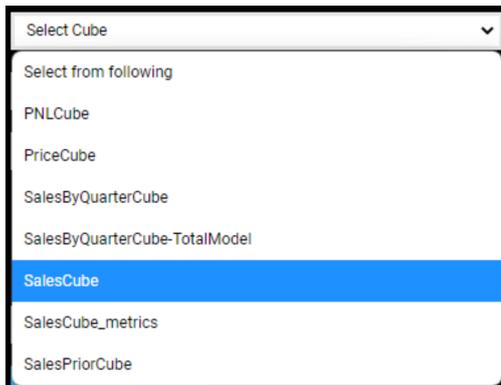
Select Method ▾
Select from following
View
Private View •
Control Cube View
Dimension Hierarchies
Control Dimension Hierarchies



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.

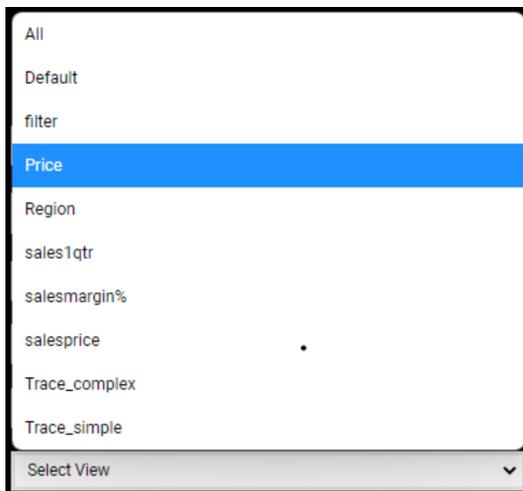
Selection also enables the Dimension attribute details for alias choice



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

actvsbud	Caption
region	
model	
account1	
month	

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.

GET LINK

```
http://127.0.0.1:5000/tm1/getdata?  
code=aHR0cD1odHRwcyZzZXJ2ZXI9SGFzZWViJnVzZX  
JuYW1lPWFKbWluJnBhc3N3b3JkPWFwcGxlJnBvcnRud  
W1iZXI9ODAxMCZjdWJlbnFtZT1TYWxlc0N1YmUmc3V  
wcHJlc3M0VHJ1ZS72aWV3PVByaWNLQ2FidH7zYnVlK0i
```



Step 12

COPY LINK: To Copy link

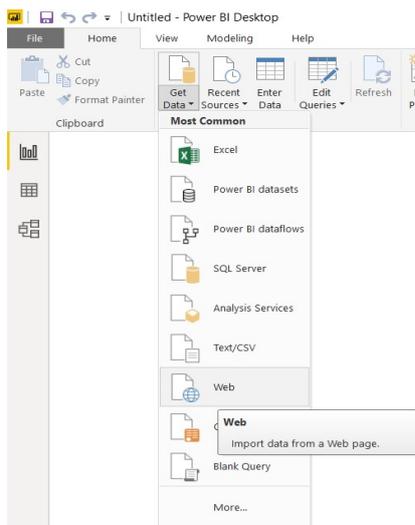


Power BI - Power Query Editor

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

Open Power BI Desktop

Select Get Data -> Web



Paste the copied link from the web





DataFusion

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



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

