## **BizViz How-to-Guide**

## **Predictive Analysis** Connecting Query Service to an Algorithm

Release: 2.0

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# BIZVIZ

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#### **1. Document Purpose**

The purpose of this document is to guide users on how to connect a query service component to an algorithm using the BizViz Predictive Analysis tool. It is recommended that users follow the step-by-step process given below.

#### 2. Prerequisites

#### 2.1. Software

- Browser that supports HTML5
- Operating System: Windows 7

#### 2.2. Knowledge of BizViz Server

The user should have a basic understanding of the BizViz Server.

#### 3. Step-by-Step Process

#### **3.1.** Login to the BizViz Portal

- i) In the URL bar, enter  $\rightarrow$  <u>http://apps.bdbizviz.com/app/index.html</u>
- ii) Enter your credentials to Login

	BizViz
Email	
Password	
Enterprise	-
1	LOGIN
	Forgot your password

iii) Click on 'Login' to view the BizViz Portal Home Screen



iv) Click on the '**Menu**' E button to display a list of the installed applications.



- v) Click on the 'Predictive Analysis' plug-in as shown above.
- vi) Clicking on '**Predictive Analysis**' will redirect the user to the predictive analysis home screen.



#### **3.2.** Steps to Create and Configure a Query Service Connection

i) Navigate to the Predictive Analysis Home Screen and drag and drop the Query Service component onto the workspace.



ii) Click on the 'Query Service' component and configure the fields as shown below.

Business Visualization Analytics Platform			Logged in as Ranjit Krishnan 🛛 😝 Help		A Home	ne 👤 My account		🖱 Logout	
Predictive Analysis					Run	Reset	Save	Save As	1
Image: Saved Models       Image: Data Source       Image:									
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	General	Data Service Properties							
	Properties	Select Data Connector	contoso	,					- 1
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		Select Data Service	sales5000	•	3				- 1
		Fields							
		Column Header	Data type						- 1
		DateKey	string						
		SalesAmount	double		Арр	Ŋ			

- General
  - a. Component Name: Default name of the query service
  - b. Alias: Alias name for the source component
  - c. Description: (Optional) Provide a description for the component
- Properties



- a. Select Data Source: Select a data source from the dropdown list
- b. Select Query Service: Select a Query from the dropdown list
- Conditions
  - **a. Filter Name:** The name of the filter ('**Where Clause**') that will be applied to the query.
  - b. Control Type: The type of filter that will be applied (ex. Text value, List of Values (LOV))
- iii) Click on '**Apply**' and select '**Run**' to view the data available using the selected query service.

Business Visualization Analytics Platform		Logo	jed in as Ranjit Krishnan	3 Help	<b>↑</b> Home	👤 My	account	() Logo	out
Predictive Analysis					Run	Reset	Save	Save As	1
Saved Models  Carried Carried Carried Carried Carried Carried Carried  Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carried Carrie									
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#### **3.3.** Connecting a Query Service connection to an Algorithm Component

i) Expand the 'Algorithms' component in the menu on the left side of the screen. Navigate to the desired algorithm. Drag and drop the algorithm onto the workspace.

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Predictive Analysis								Run	Reset	Save	Save As	1
Saved Models     Data Source     Data Source     Os Vile     Os Vile     Os Vile     Os Vile     Os Vile     Os Clustering     Os Clu		2	-									
Outliers	Component	Console	Summary	Result	Visualization							1
Classification												
0 😬 Data Writer												
Custom R Script												

ii) Connect the query service component to the algorithm component by clicking on the circle from one component and dragging a line to the circle of the other component.



iii) Configure the 'Algorithm' and click on 'Run' to view the results.