

# **Create a Data Set**

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### 1. Document Purpose

The purpose of this document is to guide users on how to create data sets using the BDB Platform. It is recommended that users follow the step by step process given below.

### 2. Pre-requisites

- o Browser that supports HTML5
- o Operating System: Windows 7
- o Basic understanding of the BizViz Server

### 3. Step-by-Step Process

#### 3.1. Accessing the BDB Platform

This section explains how to access the BizViz Platform and variety of plugins that it offers:

- i) Open BDB Enterprise Platform Link: <u>http://apps.bdbizviz.com/app/</u>
- ii) Enter your credentials to log in.
- iii) Click 'Login'

Welcome to Big Data BizViz (BDB)	RDR
Emal	Decision Platform
Parparent	Big Data Pipebne Framework
Porgot password?	Dashboard Designer
Enterprise	ETL (Self-Service Data Preparation)
	Geospatial Analysis (Location Intelligence)
	Predictive Analysis
	Play (Beta Release)
Login	Self-Service BI (Business Story)
	Social Media Browser
	<ul> <li>Sentiment Analysis</li> </ul>
Copyright © 2015-2017 BDB (Bicklic Technologies Pvt Ltd)	Survey



iv) Users will be redirected to the BDB Platform home page.



#### 3.2. Creating a Data Set

- i) Click the 'Apps' icon 💷 on the platform menu bar.
- ii) All the available plugin applications will be displayed.
- iii) Click the 'Data Center' option 🥯 from the apps menu.



		, e
Home	Admin	User
		<b>E</b>
Data Center	Designer	Survey
Sentiments	Play	Report
	ft in 8	<u>//</u>
Data	Social Media	Predictive
Preparation		
GeoSpatial		

iv) Users will be directed to the Data Center landing page.

Data	Center							NE	w
000	Data Connectors	Data Source							
5	Data Sets								
ø	Data Store	Search Data Connectors							
0	Data-Store Meta	Merge connection(gk_002)	3	ø	С	<	1		ĵ.
	Data	MigQA_16	5	ø	с	<	1		
		MigQA_16	5	ø	С	<	1	ii.	
		MigQA_16	5	ø	С	<	1	Î	
		DC_Share_26-May	5	ø	с	<	1	ii.	

- v) Click 'NEW'
- vi) A context menu opens.
- vii) Select 'Data Sets' from the context menu.





i) Users will be directed to the following page.

Data	Center		NEV	v
95	Døta Connectors Døta Sets	Data Source		
Ø	Data Store	Search Data Connectors	CREATE DATA SET	
2	Data-Store Meta Data	DataStoreMysqlQA_19Sep17	CREATE DATA SET	
		DataStoreGoogte_19Sep17	CREATE DATA SET	
		MSSOL_NLP TEST_tg-Sep-2017	CREATE DATA SET	
		DATA STORE_CSV_NEW CREATION_19-SEP	CREATE DATA SET	

- ii) Select a Connector Type from the 'Data Source' filter.
- iii) Select a data connector from the 'Data Connector' list.
- iv) Click the 'CREATE DATA SET' option provided next to the selected data connector.

Data	Center		NEW
000	Data Connectors	Oata Source MySQL -	
5	Data Sets	Searth Date Connectors	
ß	Data Store		
2	Data-Store Meta	MySQL_DC_19-July-2017     GREATE DATA SI	ET Î
	Data	honey ccd CREATE DATA SI	ЕΤ
		MYSQL_DC_JULY19_neha CREATE DATA SI	ЕΤ
		MySQL_Admin_DC_001 CREATE DATA SI	ЕΤ
		mysql_jun6 CREATE DATA S	ET

- v) Users will be directed to the 'Data Set' form.
- vi) Fill in the following details:
  - a. Service Name: Enter any user defined name for the new data set.
  - b. Description: Brief description about data set (It is an optional field).
  - c. Data Connector Name: This option will be pre-defined.
  - d. Data Base Name: This option will be pre-defined.



Service Name * MySQL Data Set	
Description	
Data Connector Name MySQL_DC_19-July-2017	
Database Name GK_TESTDB	

e. Query: Write query in the given space (Use 'Ctrl+Space' for assistance in writing a query).

Query			0
1 Select * from OUTLET_DETAILS			
*Use Ctrl+Space for assistance			
	CANCEL	PREVIEW	SAVE

vii) Click 'Preview' to display the preview result of the new data set.

Preview	Result							×	
COMP_ID	COMP_NAME	OUTLET_NAME	CITY_NAME	TOTAL_INCOME	PROFIT	LOSS	SALE_DATE	UPLOAD_DATE	TOTAL_QTY
BT190802	BATA	BATA SHOES	BANGALORE	230000	90000	0	2001-10-01	2001-09-12	240
SL908700	SREE LEATHER	SREE LEATHERS	PATNA	10000	4500	5600	2001-10-05	2009-12-20	980
RLD9870	RELIANCE	RELIANCE DIGITAL	BANGALORE	9800	2300	78000	2001-10-08	2007-12-13	800
ADE890	ADISHWAR	ADISHWAR	BANGALORE	9000	5600	1200	2001-10-13	2015-09-09	600

#### viii) Click 'Save'

ix) A new data set will be created and added to the list of data sets.



Data	Center									ND	w
600	Deta Connectors	Data Connector Type	Data Connector	Publish Status							
8	Data Sets	Search Data Sets Mysgi Dat				Showi		1 of 11.44			
6	Data Store Data-Store Meta Data	HySOL Data Set			<u>*</u>	0	-1	<	/	ł	
		MySQL Data Set			<u>*</u>	0	4	<	1	8	
		vivek Mysgi DataSet			*	0	4	<	/		

Option	Name	Task
-	Download	Download the data set.
0	View Link	View the data set link.
1	Publish	Publish a data set.
<	Share Data Service	Share a data set to/for the selected user(s) or group(s). or Exclude the selected users.
	Edit	Edit the data set fields.
Ĩ	Remove	Remove the selected data set from the list.

Note:

- a. Use 'Ctrl+Space' to get help while writing the query.
- b. Click the '**Help**' icon **?** from the Data Set form to get rules to follow while creating a query. The rules to be followed will be displayed in a pop-up screen.

er	Help Center	×	
C	1. In query table name should be in brackets	ĺ	ł
S	e.g:- [table]		ł
S	2. In final select statement can't use column name as Table.Column we should give alias name to these type of columns.		ł
-S	eg:- a.year -> a.year as year		ľ
	3. In final select statement cannot use any column alias name in single or double quotes		łEF
	e.g:- In Final select Statement alias name of column should not be like this:- 'Alias Name' It should be without single quotes like this: - Alias Name		l
	<ol> <li>In final select statement can't use space in column alias name it should be single word. Or two words should be concatenate by underscore(_) like this</li> </ol>		
I.	e.g.:- abc_xyz on abcxyz		

c. Users can filter the data set list by Data Source, Data Connector, and Publish status. These filters are provided on the top of the Data Set List page.



Data Source Select Data Source	Data Connector Select Data Connector	Publish Select Publis	h sta	itus				
Search Data Sets								
both		4	ŀ	0	Ŧ	<	/	ii.
Mser1		4	ŀ	0	Ť	<	/	Î
MySQL_DC_14-July		4	ŀ	0	Ŧ	<	1	Î
maq2		4	ŀ	0	Ŧ	<	1	Î

#### 3.2.1. Google Analytics Data Set

- i) Navigate to Data Center page.
- ii) Click 'NEW' and select 'Data Set' from the context menu.



- iii) Users will be redirected to the page containing all the data connectors.
- iv) Select 'Google Analytics' via the 'Data Source' filter.
- v) Select a Google Analytics data connector from the displayed list and click 'CREATE DATA SET'.

Data	Center		NEW
000 000 0	Data Connectors Data Sets	Data Source Google Analytics ·	
8	Data-Store Heta Data	Demo 25 Connector	CREATE DATA SET
		googlezt GA_Cornector,17,1	CREATE DATA SET
		geogletzaug	CREATE DATA SET
		Connector_Demo_16	CREATE DATA SET

- vi) Users will be redirected to a new Data Set form for Google Analytics Data Set.
- vii) Fill in the following information:
  - a. Service Name: Enter any user defined name for the new data set.
  - b. Description: Brief description about data set. (It is an optional field).
  - c. Data Connector Name: This option will be pre-defined.
  - d. Account: This option will be pre-defined based on the selected google account.



Dataset Name *	
Sample Goog	e Analytics Data Set
Description	
Data Connector N	me
Demo 25 Cor	tector
Account :	

- e. Data Selection: Select data using the below given drop-down lists.
  - i. Web Properties: Select the required web properties using the drop-down menu.
  - ii. Select a View: Select the required view using the drop-down menu.
  - iii. Dimensions: Select the required dimensions using the drop-down menu. The selected dimensions will be displayed below with 'ga' suffix.
  - iv. Metrics: Select the required metrics using the drop-down menu. The selected metrics will be displayed below with 'ga' suffix.

Data Selection	
BdBizViz UA-22551973-4	Ŧ
All Web Site Data	*
Dimensions User Type, Browser, Operating System	*
Selected Dimensions galoperatingSystem galbrowser galuserType	
Users	*

- f. Apply Filter: Enable the filter option. The filter query will be displayed below.
- g. Time Range: Define a time range selecting 'From' and 'To' dates.
- viii) Click 'PREVIEW DATA'

ga:bro	wser==Firefo	ĸ		?
Time Ran	ige			-
	From date		To date	
	8/1/2017	Ť	8/25/2017 -	



- ix) The data preview will be displayed below in the tabular format.
- x) The **Save'** option will be enabled.
- xi) Click 'Save'.

		CAI	NCEL PREVIEW DATA SAVE
			Grid Size
7 items total			10 *
even and in a Durtam	as however		
gaoperaungsystem	gabrowser	gausertype	gausers
Android	Firefox	New Visitor	2
Android	Firefox	Returning Visitor	1
Linux	Firefox	New Visitor	12
Linux	Firefox	Returning Visitor	1
Macintosh	Firefox	New Visitor	1
Windows	Firefox	New Visitor	38
Windows	Firefox	Returning Visitor	6

- xii) Users will be directed to the data set list.
- xiii) The newly created Google Analytics dataset will be added to the list.

(00)	Data Connectors	Data Connector Type Data Connector Pu	ublish Status					
5	Deta Sets	Google Analytics  All	All •					
ß	Data Store	Search Data Sets		Sho	ving 10)	out of :	107	
2	Data-Store Meta Data	DataSet demo Iga P	<u>*</u>	Θ	4	<	/	
		googleez4 P	<u>*</u>	0	4	<	/	
		Sample Google Analytics Data	<u>*</u>	0	4	<	1	
		rak_googla_api	±	0	4	<	1	

#### 3.2.2. Jira Data Set

- i) Navigate to Data Center page.
- ii) Click 'New' option and select Data Set from the context menu.

		NEW
	Data Connector	'S
	Data Sets	
ő	Data Store	
6	Data Store Meta	a Data

- iii) Users will be redirected to the page containing all the data connectors.
- iv) Select 'JIRA' via the 'Data Source' filter.
- v) Select a JIRA data connector from the displayed list and click 'CREATE DATASET'



	Data Connectors	Data Source		
8	Data Sets			
ø	Data Store	Search Data Connectors		
4	Data-Store Meta Data	ЛЕАЛА	CREATE DATA SET	Î
		jiraanaaa	CREATE DATA SET	
		Jira connector dema 25.	CREATE DATA SET	
		ihqui	CREATE DATA SET	
		jra	CREATE DATA SET	
		JiroTest	CREATE DATA SET	

- vi) Users will be directed to a new DataSet form for JIRA data set.
  - a. Enter any user-defined name for the new data set.
  - b. Description: Brief description about data set. (It is an optional field).
  - c. Data Connector Name: This option will be predefined (the selected data connector name will appear).
- vii) Fill in the following information:
  - a. Service Name: Enter any user defined name for the new data set.
  - b. Description: Brief description about data set. (It is an optional field).
  - c. Data Connector Name: This option will be predefined (the selected data connector name will appear).

Data	a Set
	Dataset Name 1
	Sample Jira Data Set
	Description
	Data Connector Name
	jira

- d. Report Selection
  - i. Report Type: Select a report type using the drop-down menu.
  - ii. Sub-Report Type: Select a sub-report type using the drop-down menu (If the selected report type does not have a sub-report type, then this field may not appear in the form).
  - iii. Columns: Select the required columns from the drop-down menu. The selected column names will be mentioned in the form.
- viii) Click 'PREVIEW DATA'

Report Selection	
Project Versions	•
Agile Project - Prom	*
self, id, projectivey	-
	CANCEL PREVIEW DATA SAVE



- ix) The data preview will be displayed below in the tabular format.
- x) The **Save**' option will be enabled.
- xi) Click 'Save'

	CANCEL	PREVIEW	W DATA SA	AVE.
1 items total			Grid Size	•
self		id	projectkey	
http://jira.anniteknavigator.com/8080/rest/api/2/project/10096		10096	APP	

- xii) Users will be directed to the data set list.
- xiii) The newly created Jira data set will be added to the list.

Data	Center										NEW
	Data Connectors	Data Connector Type Data Connector Pub		Publish !	ublish Status						
8		All 🚽	All	→ All			•				
5	Data Sets										
ø	Data Store	Search Data Sets					Showi	ng 1177 (	out of 11	77	
	Data-Store Meta Data	Sample Jira Data Set			<u>+</u>	0	1	<	1	Ĩ	Î
		custom_COLORID			*	0	4	<	1		
		DATE_MSSQL P			*	۲	4	<	1		
		MULTISELECT_MSSOL			*	Θ	4	<	1	×.	

#### 3.2.3. CA Data Set

The CA Connector is accessible only for the CA PPM users.

i) Login to the platform using the CA PPM authentication option.



Welcome to Big Data BizViz (BDB)	R
Email	
Passard	Big Data Pipeline Framework
	Dashboard Designer
CAPPN	ETL (Self-Service Data Preparation)
	<ul> <li>Geospatial Analysis 0.ocation Intelligence</li> </ul>
	Predictive Analysis
	Play (Beta Release)
Login	<ul> <li>Self-Service BI (Business Story)</li> </ul>
	Social Media Browser
March March 1997	Sentiment Analysis
opyngrit © 2015-2017 BDB (BI2V2) Technologies PVI Ltdl	Summer

ii) Select Data Center from the Apps menu.



- iii) Users will be redirected to the Data Connector list.
- iv) The 'CA' default connector will be provided in the data connector list.

Data Center							N	W	
400	Data Connectors	Data Source							
8	Data Sets								
ø	Data Store	Search Data Connectors							
	Data-Store Meta Data	CA	8	$\mathcal{O}$	С	<	1		i
		Merge connection(gk_002)	8	ø	с	<	/		
		MgQA_16	8	ø	с	<	/		
		MigQA_16	8	ø	с	<	/		
		DC_Share_26-May	8	ø	с	<	/		
		Nigration Testing_16-May-2017	8	ø	с	<	1		



- v) Click 'Create New Data Set' option 🗐
- vi) Users will be redirected to the Data Set form.
- vii) Configure the following information to create a data set:
  - 1. Provide a 'Service Name'.
  - 2. Select a 'Service URL' from the drop-down menu.
  - 3. Select a 'Mandatory Filter' from the drop-down menu.
  - 4. Select a 'Custom Filter' from the drop-down menu.
  - 5. Click 'SAVE'

Data Set		
Service Home ' CA Data Set		
Service URL cop.riskManagement		
Mandarovy Filter		
Custom Filter		
querrisk_int_id		
querrisk_int_id_from		
querzisk_int_id_in		
duerproj_int_kl_trom		
duer.prol_int_id_to		
quer calculate d_risk_in		
		CANGEL SAME

viii) A new data set will be added in the data set list.

Note:

- a. Users can not access any other option (NEW DATA STORE, Reconnect, Share, Edit, Delete) except 'New Data Set' while using the CA default data connector.
- b. Clicking 'NEW' option on the Data Set form will redirect users to access the 'CREATE DATA SET' option from the Data Connector List.

Data	Center	NEW .
80	Data Connectors	All •
8	Data Sets	
ø	Deta Store	Search Data Connectors
6	Data-Store Meta Data	CA CREATE DATA SET

## 4. Signing Out

Follow the below-given steps to log out from the BizViz Platform.



- i) Click the 'User' icon **2** on the Platform home page.
- ii) A menu appears with the logged in user details.
- iii) Click 'Sign Out'
- iv) Users will be successfully logged out from the **BizViz Platform**.

Note: Clicking on 'Sign Out' will redirect the user back to the 'Login' page of the BizViz platform.