

## **Connect BI Tools to Your Data Warehouse**

Last Modified on 08/08/2024 1:14 pm EDT

# **Overview**

This article provides instructions for connecting BI Tools with your organization's Data Warehouse on a Windows 10 machine.

### Prerequisites

Before following the steps below, ensure you have:

- Purchased and activated the Data Warehouse feature.
- Reviewed the Data Warehouse Overview article.
- A Core user account with admin privileges enabled for the organization you wish to connect to Power BI.
- Access to your Data Warehouse domain URL, which you can find in your User Profile by following the steps in the Access Your Data Warehouse Settings article.
- It is recommended that an SSL (Secure Sockets Layer) Protocol is used when connecting to the data warehouse.

If you have trouble connecting to the Data Warehouse, speak to your IT department to allow outbound connections on TCP port 5432 Contact Resolver Support for assistance.

If a connection to the BI tool fails, additional requirements (e.g. a new domain URL and/or file downloads) may need to be met before a connection can be established. Contact Resolver Support for assistance.

### **Connect to the Data Warehouse with Power BI**

- 1. Open the Power BI application.
- 2. From the File menu, click the Get Data icon.



📶   🔒 🤝 🤿 🗧   Untitled - Power Bl Desktop						
File	Home	View	Modeling	He	lp	
Paste	💑 Cut 🛅 Сору 🝼 Format Pain	Get Data	Recent Sources *	Enter Data	Edit Queries •	Refresh
	Clipboard		E	xternal d	ata	
000						

Get Data Icon

3. From the *Get Data* screen, click **PostgreSQL database** in the pane to the right.



Get Data		>
Search	All	
All	Oracle database	~
File	IBM Db2 database	
Database	IBM Informix database (Beta)	
Power Platform	IBM Netezza	
Azure	MySQL database	
Online Services	PostgreSQL database	
Other	Sybase database	
	Teradata database	
	SAP HANA database	
	SAP Business Warehouse Application Server	
	SAP Business Warehouse Message Server	
	Amazon Redshift	
	💠 Impala	
	Google BigQuery	
	Vertica	~
	Snowflake	Ť
Certified Connectors	Connect Ca	ncel

Get Data Screen

4. Click the **Connect** button.



Get Data		×
Search	All	
All	Oracle database	^
File	IBM Db2 database	
Database	IBM Informix database (Beta)	
Power Platform	IBM Netezza	
Azure	MySQL database	
Online Services	PostgreSQL database	
Other	🧧 Sybase database	
	Teradata database	
	😂 SAP HANA database	
	SAP Business Warehouse Application Server	
	SAP Business Warehouse Message Server	
	Amazon Redshift	
	💠 Impala	
	Google BigQuery	
	Vertica	~
	Snowflake	
Certified Connectors	Connect Cancel	

Connect Button

5. Follow the instructions in the Access Your Data Warehouse Settings article to access the data warehouse details.



Data Warehouse Settings	Ø
Domain URL (*)	
Database Name 💿	
Username ()	
GENERATE PASSWORD	

Data Warehouse Settings

6. Enter the **Domain URL** from the Resolver *User* screen in the **Server** field in Power BI.

PostgreSQL database		
Server		
Database		
Data Connectivity mode ①		
<ul> <li>Import</li> </ul>		
O DirectQuery		
> Advanced options		
	ОК	Cancel

Server Field

 Enter the Database Name from the Resolver User screen in the Database field in Power BI.



		)
PostgreSQL database		
Server		
Database		
Data Connectivity mode ()		
Import		
<ul> <li>DirectQuery</li> </ul>		
▷ Advanced options		
	OK Cancel	1

#### Database Field

8. Click the **OK** button.

Server		
	]	
Database		
	]	
Data Connectivity mode ①		
<ul> <li>Import</li> </ul>		
O DirectQuery		
> Advanced options		

#### OK Button

 From the *Database* screen, enter the Username and Password from the Resolver *User* screen in the User name and Password fields in Power BI.



	PostgreSQL database	Х
Database		
	User name Password	
	Select which level to apply these settings to	
	Back Connect Cancel	

Username and Password Fields

10. Click the **Connect** button to complete the process.

	PostgreSQL database	×
Database		
	User name	
	Password	
	Select which level to apply these settings to	
	•	
	Back Connect Cancel	

Connect Button

### **Connect to the Data Warehouse with Tableau**

- 1. Open the Tableau application.
- 2. From the **Connect** menu, select the **More** link from under **To a Server** section.



*				
Connect	♀ Search			Sort by Name (a-z) *
Search for Data	Installed Connectors (77)	Dremio	MariaDB	SAP HANA
	Actian Matrix (deprecated)	Dropbox	Marketo	SAP NetWeaver Business Warehouse
	Actian Vector	Esri ArcGIS Server	MarkLogic	SAP Sybase ASE
Microsoft Excel Text file	Alibaba AnalyticDB for MySQL	Exasol	Microsoft Analysis Services	SAP Sybase IQ
	Alibaba Data Lake Analytics	Firebird 3	Microsoft PowerPivot	ServiceNow ITSM
Microsoft Access PDF file	Alibaba MaxCompute	Google Ads	Microsoft SQL Server	SharePoint Lists
	Amazon Athena	Google Analytics	MonetDB	SingleStore
Statistical file More	Amazon Aurora for MySQL	Google BigQuery	MongoDB BI Connector	Snowflake
	Amazon EMR Hadoop Hive	Google Cloud SQL	MySQL	Spark SQL
	Amazon Redshift	Google Drive	OData	Splunk
Microsoft SQL Server MySQL	Anaplan	Google Sheets	OneDrive	Teradata
	Apache Drill	Hortonworks Hadoop Hive	Oracle	Teradata OLAP Connector
More_	Aster Database (deprecated)	IBM BigInsights	Oracle Eloqua	TIBCO Data Virtualization
	Azure Data Lake Storage Gen2	IBM DB2	Oracle Essbase	Vertica
	Azure SQL Database	IBM PDA (Netezza)	Pivotal Greenplum Database	Web Data Connector
	Azure Synapse Analytics	Impala	PostgreSQL	
	Box	Intuit QuickBooks Online	Presto	Other Databases (JDBC)
	Cloudera Hadoop	Kognitio	Progress OpenEdge	Other Databases (ODBC)
	Databricks	Kyvos	Qubole Presto	
	Datorama	LinkedIn Sales Navigator	Salesforce	
	Denodo	MapR Hadoop Hive	Salesforce CDP	Additional Connectors (17)

More Link

3. Click the **PostgreSQL** link.

File Data Server Help				
	O Search			Sort by Name (a.z) =
	ye bearen			
	Installed Connectors (77)	Dremio	MariaDB	SAP HANA
	Actian Matrix (deprecated)	Dropbax	Marketo	SAP NetWeaver Business Warehouse
	Actian Vector	Esri ArcGIS Server	MarkLogic	SAP Sybase ASE
Microsoft Excel Text file	Alibaba AnalyticDB for MySQL	Exasol	Microsoft Analysis Services	SAP Sybase IQ
	Alibaba Data Lake Analytics	Firebird 3	Microsoft PowerPivot	ServiceNow ITSM
Microsoft Access PDF file	Alibaba MaxCompute	Google Ads	Microsoft SQL Server	SharePoint Lists
	Amazon Athena	Google Analytics	MonetDB	SingleStore
Statistical file	Amazon Aurora for MySQL	Google BigQuery	MongoDB BI Connector	Snowflake
	Amazon EMR Hadoop Hive	Google Cloud SQL	MySQL	Spark SQL
	Amazon Redshift	Google Drive	OData	Splunk
Microsoft SQL Server MySQL	Anaplan	Google Sheets	OneDrive	Teradata
	Apache Drill	Hortonworks Hadoop Hive	Oracle	Teradata OLAP Connector
More	Aster Database (deprecated)	IBM BigInsights	Oracle Eloqua	TIBCO Data Virtualization
	Azure Data Lake Storage Gen2	IBM DB2	Oracle Essbase	Vertica
	Azure SQL Database	IBM PDA (Netezza)	Pivotal Greenplum Database	Web Data Connector
	Azure Synapse Analytics	Impala	PostgreSQL	
	Box	Intuit QuickBooks Online	Presto	Other Databases (JDBC)
	Cloudera Hadoop	Kognitio	Progress OpenEdge	Other Databases (ODBC)
	Databricks	Kyvos	Qubole Presto	
	Datorama	LinkedIn Sales Navigator	Salesforce	
	Denodo	MapR Hadoop Hive	Salesforce CDP	Additional Connectors (17)

PostgreSQL Link

4. Follow the instructions in the Access Your Data Warehouse Settings article to access the data warehouse details from your Core user account page.



Data Warehouse Settings	0
Domain URL (*)	
Database Name 👁	
GENERATE PASSWORD	

Database Warehouse Settings

5. From the *PostgreSQL* screen, enter the **Domain URL** from the Resolver *User* screen in the **Server** field in Tableau.

PostgreSQL	×
General Initial SQL	
Server	
Port	
5432	
Database	
Authentication	
Username and Password	•
Username	
Password	
Optional	
Require SSL	
	Sign In



Server Field

6. Enter the **Database Name** from the Resolver *User* screen in the **Database** field in Tableau.

PostgreSQL		×
General	Initial SQL	
Server		
Port 5432		
Database		
Authenticatio	on	
Username a	and Password	•
Username		
Password		
Optional		
Require S	SL	
	Sign	In

#### Database Field

 Enter the Username and Password from the Resolver User screen in the Username and Password fields in Tableau.



PostgreSQL	×
General	Initial SQL
Server	
Port 5432	
Database	
Authenticatio	n
Username a	nd Password
Username	
Password	
Optional	
Require S	SL
	Sign In

Username and Password Fields

8. Click the **Sign In** button.



PostgreSQL			×
General	Initial SQL		
Server			
Port 5432			
Database			
Authenticatio	n		
Username a	nd Password		•
Username			
Password			
Optional			
Require S	SL		
			Sign In

Sign In Button