

DB2 Connections

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Feature Availability: This feature may not be available in all product editions. For more information on available features, see *Compare Editions*.

IBM DB2 connects the different applications in your enterprise to your mainframe. For more information, see <https://www.ibm.com/products/db2-connect>.

Early Preview connection: This connection is in early preview. It is read-only and available only in SaaS product editions. For more information on early previews, see *Early Preview Connection Types*.

Limitations and Requirements

NOTE: During normal selection or import of an entire table, you may encounter an error indicating a problem with a specific column. Since some tables require filtering based on a particular column, data from them can only be ingested using custom SQL statements. In this case, the problematic column can be used as a filter in the WHERE clause of a custom SQL statement to ingest the table.

- For more information, please consult the CData driver documentation for the specific table.
- For more information on using custom SQL, see *Create Dataset with SQL*.

NOTE: For filtering date columns, this connection type supports a set of literal functions on dates. You can use these to reduce the volume of data extracted from the database using a custom SQL query. For more information, see the `pg_dateliteralfunctions.htm` page in the driver documentation for this connection type.

- Supports Basic (User Name and Password) authentication.
- If you have credentials for a specific database in an instance, then you can list all tables under all databases in the instance.
- The Timeout parameter does not exist and is not applicable for this connection.

Create Connection

via Dataprep by Trifacta application

When you create the connection, please review the following properties and specify them accordingly:

Connection Property	Description
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Server	The name of the IBM DB2 server.
Port	The port used to connect to the server hosting the IBM DB2 database.
Database	The name of the IBM DB2 database.
User Name	A database user.
Password	The user's password.

For more information, see the driver documentation <http://cdn.cdata.com/help/EDF/jdbc/default.htm>.

via API

Depending on your product edition, you can create connections of this type. Key information:

```
"vendor": "ibm_db2",  
"vendorName": "ibm_db2",  
"type": "jdbc"
```

For more information, see

Dataprep by Trifacta API Reference docs: *Enterprise* | *Professional* | *Premium* | *Standard*

Data Type Conversions

For more information, see the driver documentation <http://cdn.cdata.com/help/EDF/jdbc/default.htm>.