Datasource

QUICK START GUIDE

Analance

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An Analance Datasource collects data from various data sources using over 20 enterprise connectors. Seamlessly connect with multiple databases utilizing a step by step wizard to create a data connection and data set(s). Transform data into visually appealing, interactive visualizations called dashboards.

FEATURES

1. Seamlessly integrate heterogeneous data from different data sources.
2. Perform sophisticated and detailed data analysis to make meaningful business decisions.
3. Connect with 20 different data connectors to fetch data.
4. Associate data stored in different data sources to access related data.

KEY BENEFITS

1. Get a 360° view of business data by connecting with multiple data sources.
2. Perform wide range of data analysis with data from different data sources.

PREREQUISITES

1. Data must be available in any one of different data connector formats supported by Analance.

RELATIONAL DATABASES

ORACLE, MySQL, PostgreSQL, TERADATA, Microsoft SQL Server, Access, IBM DB2, SQLite, MariaDB

BIG DATA

Hortonworks, IMPALA, MAPR, HIVE, Apache Solr, elasticsearch, hadoop, APACHE DRILL

API

SharePoint, REST API, OData Open Data Protocol

FILE

XLS, TXT, CSV, JSON, XML

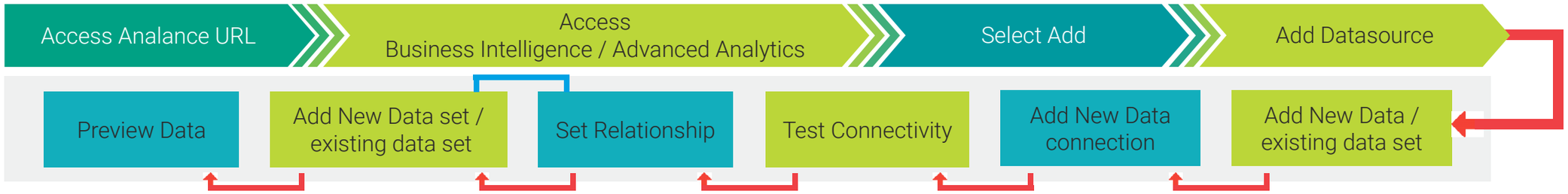
SOCIAL MEDIA

facebook, twitter

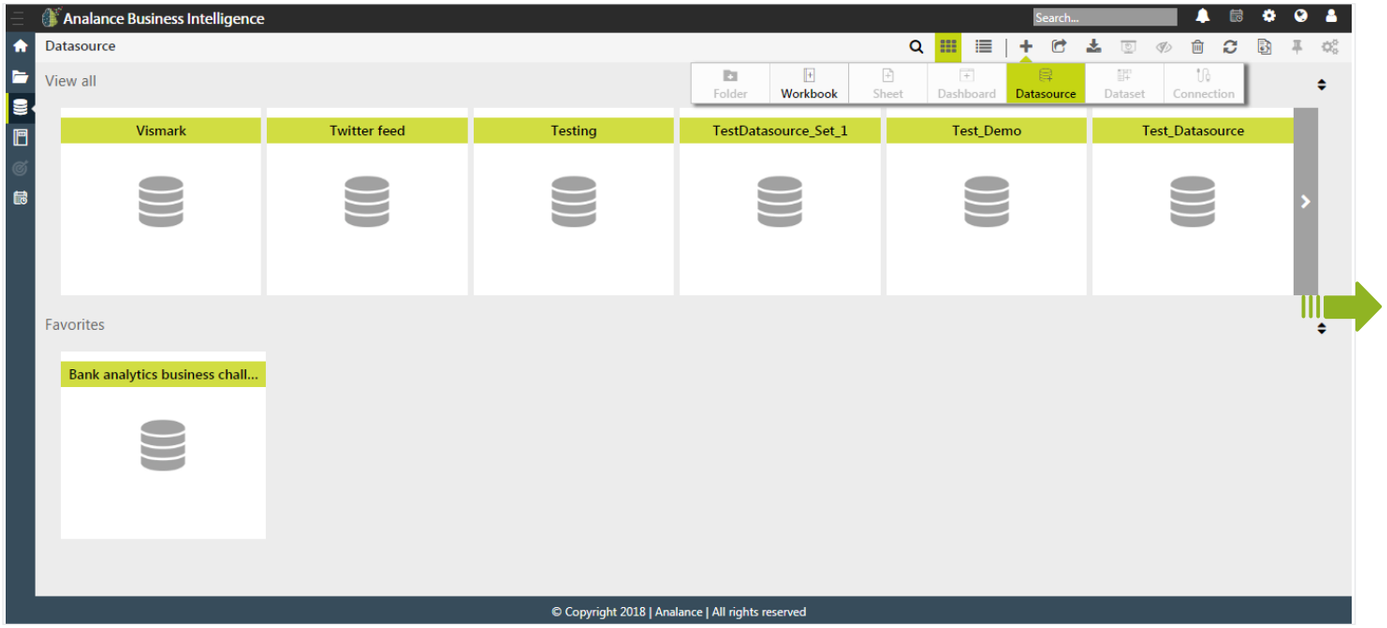
CUBES

Microsoft SQL Server Analysis Services

Datasource - Workflow (The following is the workflow to add a Datasource :)



Create a Datasource

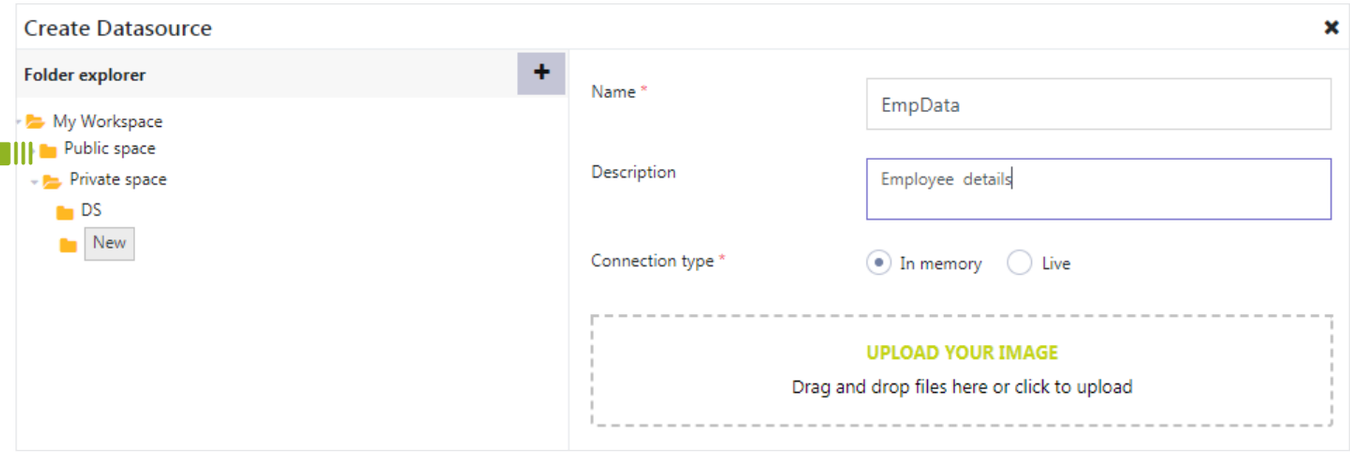


01 ADD A DATASOURCE :

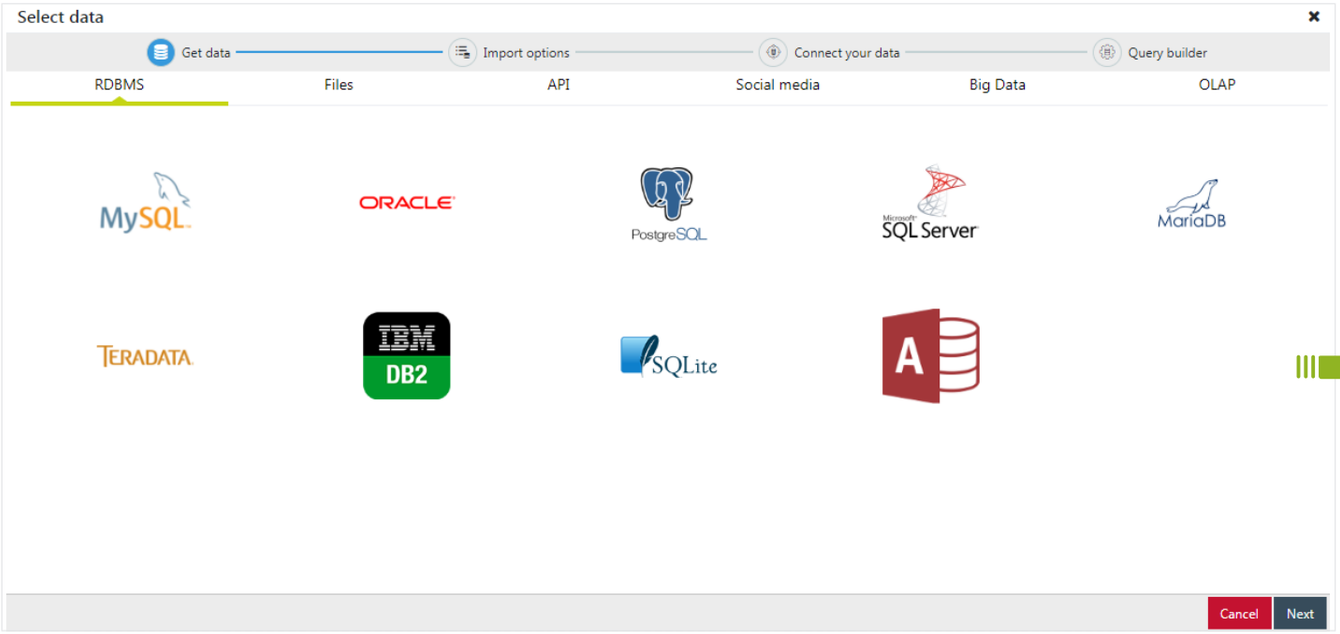
1. Login to Analance using your Analance URL.
2. Click Business Intelligence or Advanced Analytics.
3. Click Add (+) > Datasource.

02 CREATE A DATASOURCE :

1. In the Folder explorer, select or add a folder for the Datasource.
2. Type the name and description of the Datasource.
3. Select a Connection type.
4. Click Create.



Note : With the In memory connection type, data in the Datasource must be refreshed/fetched manually each time it is used. With the Live connection type, data in the Datasource is always visible and up-to-date.



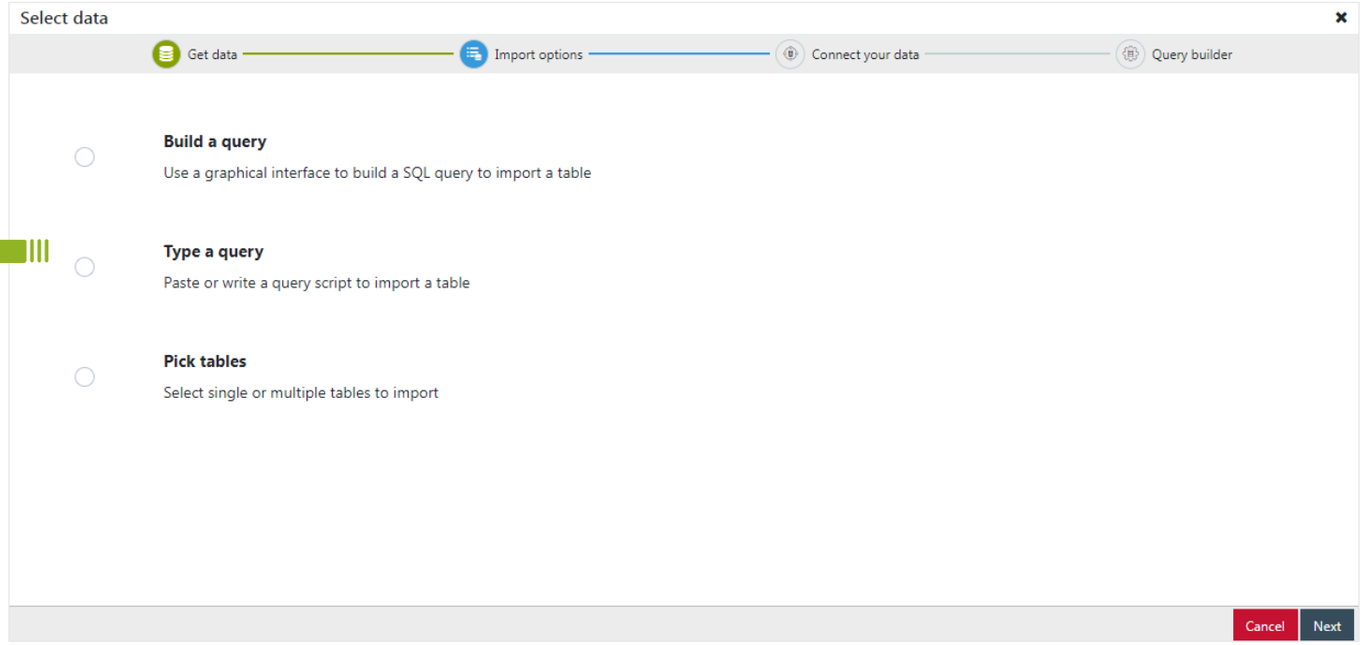
03 GET DATA :

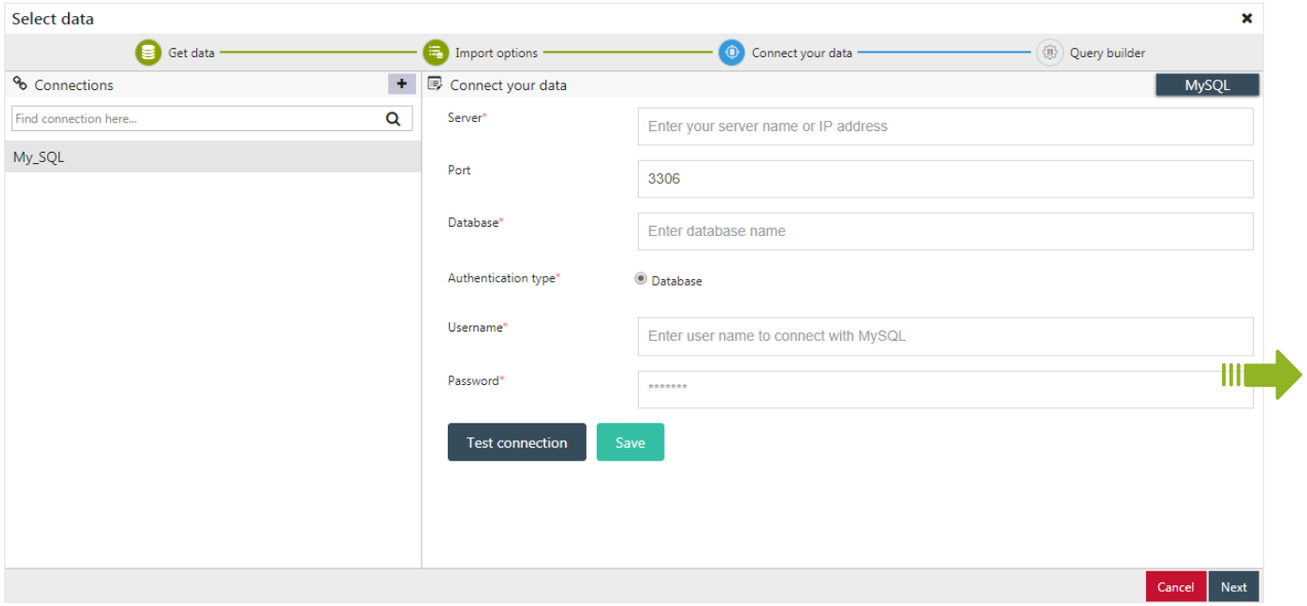
1. Select a data connector.
2. Click Next.

04 SELECT THE IMPORT OPTION (IF AVAILABLE) :

1. Select an import option.
2. Click Next.

Import Options :	Description
Build a query	Use a step-by-step graphical wizard to build a customized query that imports a database table.
Type a query	Paste or type a query to import a database table.
Pick tables	Select a single or multiple tables to import.





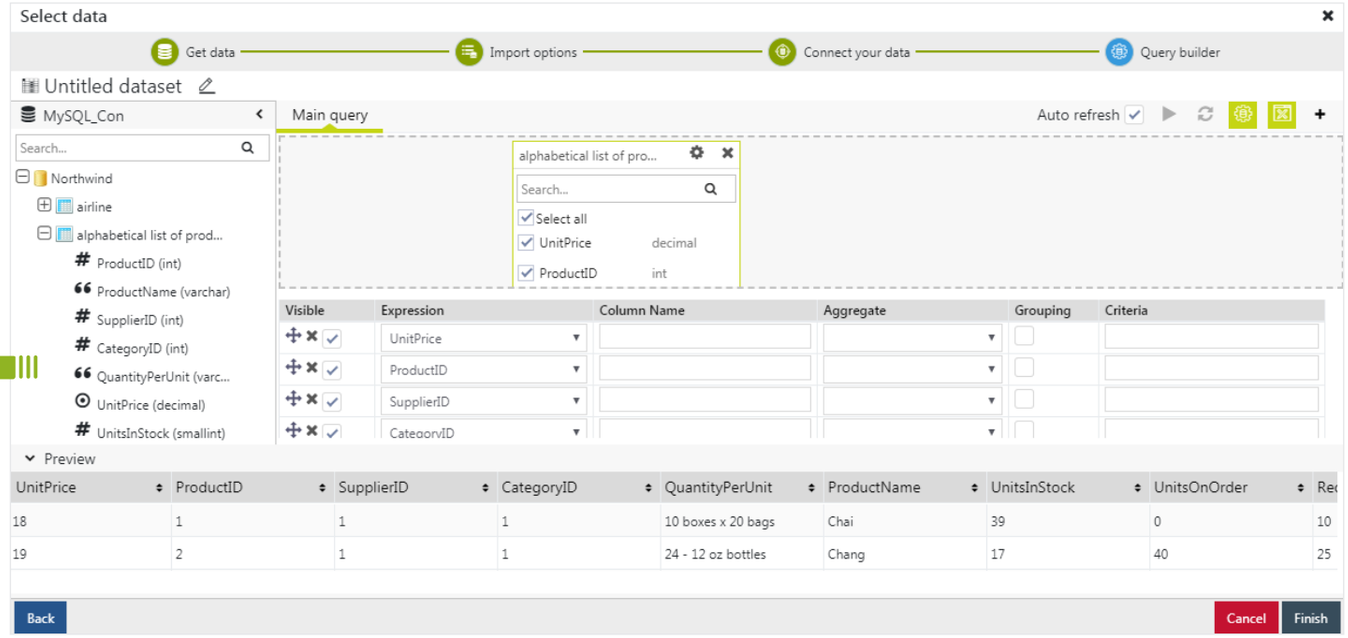
05 CONNECT YOUR DATA :

1. Click Add (+).
2. Select the options for the data connection. The options vary depending on the data connector type and all the options may not be listed here.

Data connector type	Options
RDBMS	Type the access information for the database, including the server name/IP address, port number, database name, username, and password.
Files	Drag and drop the files.
API	Type the service data URL and select the authentication type.
Social Media	Type search parameters and authentication pin.
Big Data	Type the access information for the database, including the server name/IP address, port number, database name, username, and password.
OLAP	Type the access information for the database, including the server name/IP address, cube name, database name, username, and password.

06 SELECT DATA – QUERY BUILDER :

Create a customized query to build a data set from multiple tables.



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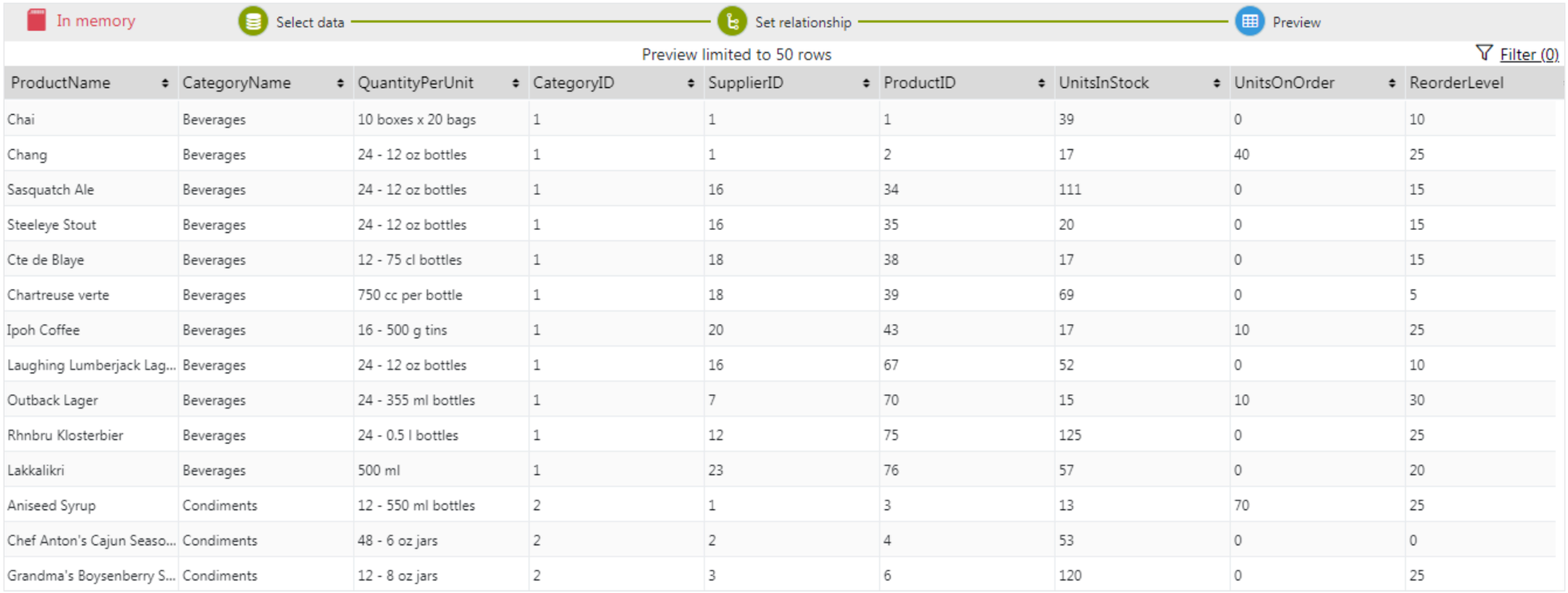
07 SET RELATIONSHIP & PREVIEW :

Join tables by setting relationship with multiple tables.
The preview of fetched data is visible to make any changes.

Add filters to your datasource to view your selection of records.



ProductName	CategoryName	QuantityPerUnit	CategoryID	SupplierID	ProductID	UnitsInStock	UnitsOnOrder	ReorderLevel
Chai	Beverages	10 boxes x 20 bags	1	1	1	39	0	10
Chang	Beverages	24 - 12 oz bottles	1	1	2	17	40	25
Sasquatch Ale	Beverages	24 - 12 oz bottles	1	16	34	111	0	15
Steeleye Stout	Beverages	24 - 12 oz bottles	1	16	35	20	0	15
Cte de Blaye	Beverages	12 - 75 cl bottles	1	18	38	17	0	15
Chartreuse verte	Beverages	750 cc per bottle	1	18	39	69	0	5
Ipoh Coffee	Beverages	16 - 500 g tins	1	20	43	17	10	25
Laughing Lumberjack Lag...	Beverages	24 - 12 oz bottles	1	16	67	52	0	10
Outback Lager	Beverages	24 - 355 ml bottles	1	7	70	15	10	30
Rhnbru Klosterbier	Beverages	24 - 0.5 l bottles	1	12	75	125	0	25
Lakkalikri	Beverages	500 ml	1	23	76	57	0	20
Aniseed Syrup	Condiments	12 - 550 ml bottles	2	1	3	13	70	25
Chef Anton's Cajun Seaso...	Condiments	48 - 6 oz jars	2	2	4	53	0	0
Grandma's Boysenberry S...	Condiments	12 - 8 oz jars	2	3	6	120	0	25