

# Connect and Import Data

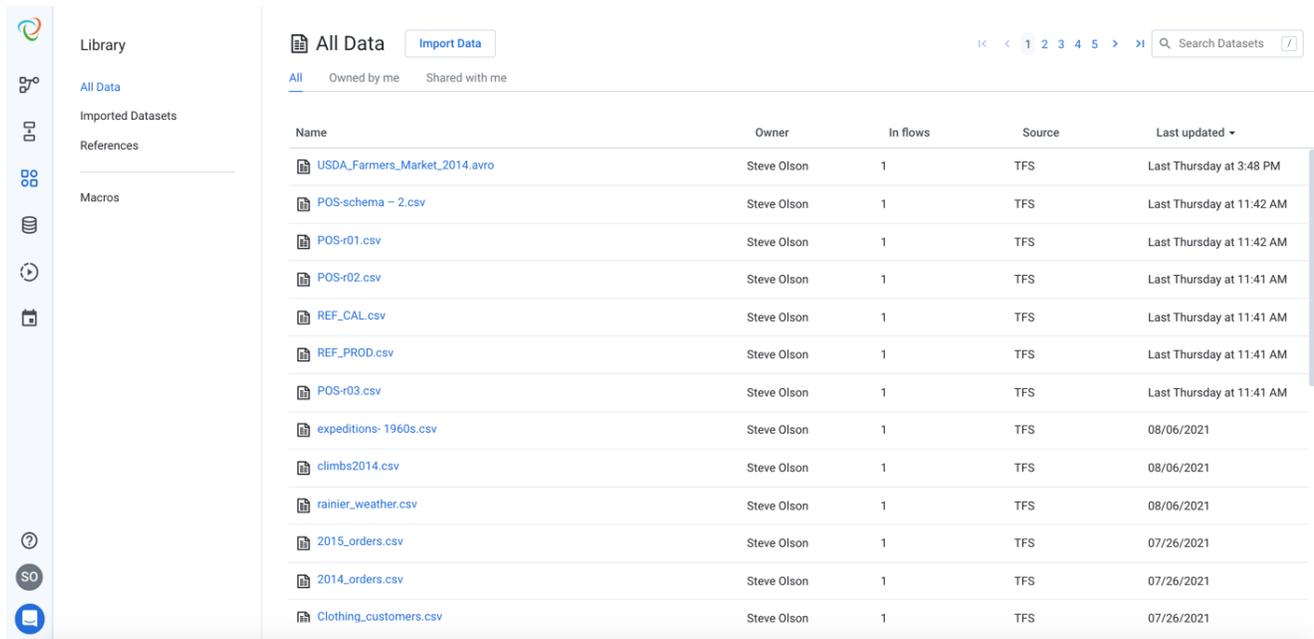
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In Trifacta®, you can quickly connect to the provided datastores and import your file- or table-based datasets for use in the Trifacta application. As needed, you can create connections to other datastores to which you have access and import from there.

## Basic Import Process

There are multiple ways to import data into Trifacta, but the most direct way is to import through the Library, where all imported datasets are stored. In the Trifacta application, click the **Library** icon in the left nav bar.



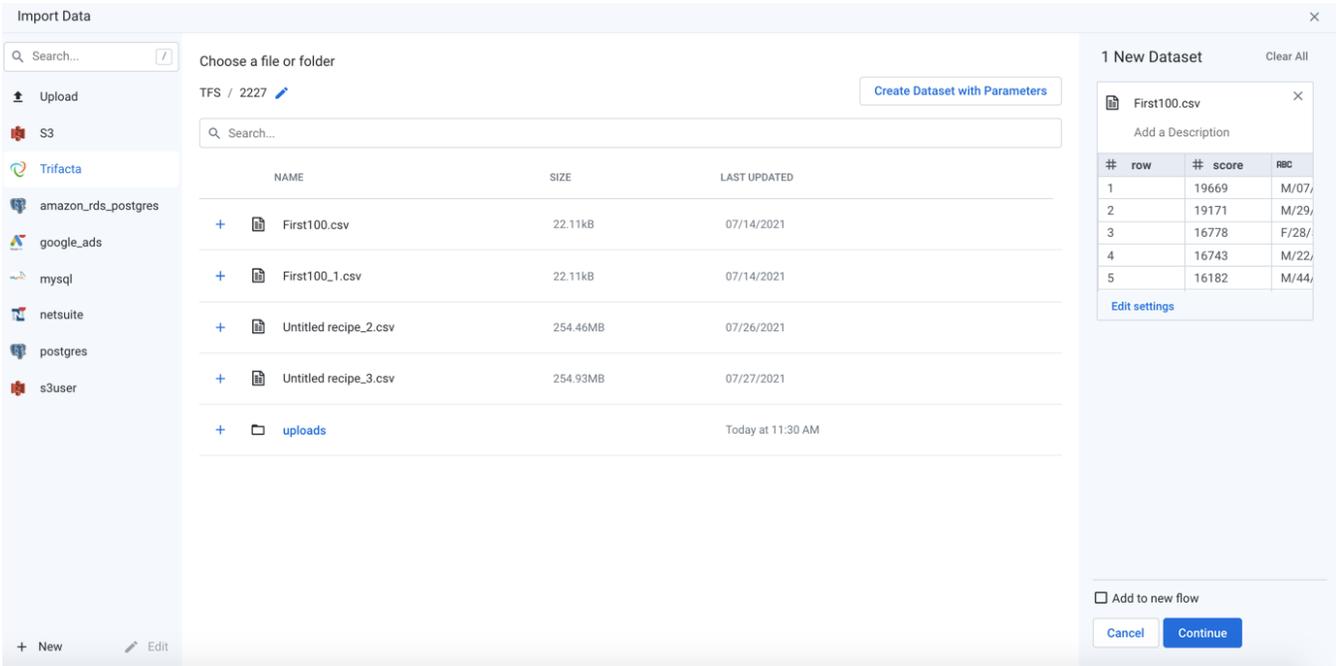
The screenshot shows the Trifacta Library interface. On the left is a navigation sidebar with icons for Library, All Data, Imported Datasets, References, and Macros. The main area displays a table of datasets under the 'All Data' tab. The table has columns for Name, Owner, In flows, Source, and Last updated. A search bar is located at the top right of the table area.

| Name  | Owner       | In flows | Source | Last updated              |
|---|-------------|----------|--------|---------------------------|
| <a href="#">USDA_Farmers_Market_2014.avro</a> | Steve Olson | 1        | TFS    | Last Thursday at 3:48 PM  |
| <a href="#">POS-schema - 2.csv</a>            | Steve Olson | 1        | TFS    | Last Thursday at 11:42 AM |
| <a href="#">POS-r01.csv</a>                   | Steve Olson | 1        | TFS    | Last Thursday at 11:42 AM |
| <a href="#">POS-r02.csv</a>                   | Steve Olson | 1        | TFS    | Last Thursday at 11:41 AM |
| <a href="#">REF_CAL.csv</a>                   | Steve Olson | 1        | TFS    | Last Thursday at 11:41 AM |
| <a href="#">REF_PROD.csv</a>                  | Steve Olson | 1        | TFS    | Last Thursday at 11:41 AM |
| <a href="#">POS-r03.csv</a>                   | Steve Olson | 1        | TFS    | Last Thursday at 11:41 AM |
| <a href="#">expeditions- 1960s.csv</a>        | Steve Olson | 1        | TFS    | 08/06/2021                |
| <a href="#">climbs2014.csv</a>                | Steve Olson | 1        | TFS    | 08/06/2021                |
| <a href="#">rainier_weather.csv</a>           | Steve Olson | 1        | TFS    | 08/06/2021                |
| <a href="#">2015_orders.csv</a>               | Steve Olson | 1        | TFS    | 07/26/2021                |
| <a href="#">2014_orders.csv</a>               | Steve Olson | 1        | TFS    | 07/26/2021                |
| <a href="#">Clothing_customers.csv</a>        | Steve Olson | 1        | TFS    | 07/26/2021                |

**Figure: Library Page**

## Import Data

The Library displays all of the datasets to which you have access. To begin, click **Import Data**.



**Figure: Import Data Page**

When you import data, you are selecting a connection to use, which allows you to begin navigating the connected datastore. When you locate the file or table assets, you select it for import.

**NOTE:** When you import a dataset, you are creating a reference to that source dataset. Data is not actually imported until Trifacta needs to use the data for job execution. Source data is never modified.

**Need data?** You may have example flows available in your workspace. Also, check out the available example datasets. See *Example Datasets*.

**Default Connections**

Trifacta provides pre-configured connections to storage. Depending on your environment, you may be able to immediately access data through the following datastores, which are represented by icons in the Import Data page:

| icon | Connection          | Description  |
|------|---------------------|--|
|      | Upload              | Upload a file from your local desktop.<br><br><b>Tip:</b> You can always upload a file from your local desktop for immediate use in the application. Details are below.  |
|      | File-based storage  | Trifacta provides a connection to a primary file-based storage system. Also known as the base storage layer, this storage can be used for hosting datasets for import.<br><br>Uploaded files are stored on the base storage layer, as well as dataset samples. For more information, see <i>Import a File from Storage</i> . |
|      | Table-based storage | Your environment may be provided access to a table-based datastore, such as BigQuery or Redshift. From these datastores, you can select the tables or views to which you have access for import as datasets in Trifacta. For more information, see <i>Import a Table from Storage</i> .                                      |

|       |               |  |
|-------|---------------|--|
| + New | Other storage | You can create connections to other file- or table-based storage systems. See below for details. |
|-------|---------------|--|

## Create Connections

You can create a connection to a wide variety of file-based and table-based datastores.

**NOTE:** Before you create the connection, you must acquire access credentials to the datastore.

In the Import Data page, click the New icon at the bottom of the page. For more information, see *Create a Connection*.