

# Verify Operations

## Contents:

- *Prepare Your Sample Dataset*
  - *Store Your Dataset*
  - *Verification Steps*
- 

After you have applied a configuration change to the platform and restarted, you can use the following steps to verify that the platform is working correctly. If your configuration change was applied to

`trifacta-conf.json`

, you should restart the platform before continuing. See *Start and Stop the Platform*.

## Prepare Your Sample Dataset

To complete this test, you should locate or create a simple dataset. Your dataset should be created in the format that you wish to test.

**Tip:** The simplest way to test is to create a two-column CSV file with at least 25 non-empty rows of data. This data can be uploaded through the application.

## Characteristics:

- Two or more columns.
- If there are specific data types that you would like to test, please be sure to include them in the dataset.
- A minimum of 25 rows is required for best results of type inference.
- Ideally, your dataset is a single file or sheet.

## Store Your Dataset

If you are testing an integration, you should store your dataset in the datastore with which the product is integrated.

**Tip:** Uploading datasets is always available as a means of importing datasets.

- You may need to create a connection between the platform and the datastore.
- Read and write permissions must be enabled for the connecting user to the datastore.
- For more information, see *Connections Page*.

## Verification Steps

### Steps:

1. Login to the application. See *Login*.
2. In the application menu bar, click **Library**.

3. Click **Import Data**. See *Import Data Page*.
  - a. Select the connection where the dataset is stored. For datasets stored on your local desktop, click **Upload**.
  - b. Select the dataset.
  - c. In the right panel, click the Add Dataset to a Flow checkbox. Enter a name for the new flow.
  - d. Click **Import and Add to Flow**.
4. In the left menu bar, click the Flows icon. Flows page, open the flow you just created. See *Flows Page*.
5. In the Flows page, click the dataset you just imported. Click **Add new Recipe**.
6. Select the recipe. Click **Edit Recipe**.
7. The initial sample of the dataset is opened in the Transformer page, where you can edit your recipe to transform the dataset.
  - a. In the Transformer page, some steps are automatically added to the recipe for you. So, you can run the job immediately.
  - b. You can add additional steps if desired. See *Transformer Page*.
8. Click **Run Job**.
  - a. If options are presented, select the defaults.
  - b. To generate results in other formats or output locations, click **Add Publishing Destination**. Configure the output formats and locations.
  - c. To test dataset profiling, click the Profile Results checkbox. Note that profiling runs as a separate job and may take considerably longer.
  - d. See *Run Job Page*.
9. When the job completes, you should see a success message under the Jobs tab in the Flow View page.
  - a. **Troubleshooting:** Either the Transform job or the Profiling job may break. To localize the problem, try re-running a job by deselecting the broken job type or running the job on a different running environment (if available). You can also download the log files to try to identify the problem. See *Job Details Page*.
10. Click **View Results** from the context menu for the job listing. In the Job Details page, you can see a visual profile of the generated results. See *Job Details Page*.
11. In the Output Destinations tab, click a link to download the results to your local desktop.
12. Load these results into a local application to verify that the content looks ok.

**Checkpoint:** You have verified importing from the selected datastore and transforming a dataset. If your job was successfully executed, you have verified that the product is connected to the job running environment and can write results to the defined output location. Optionally, you may have tested profiling of job results. If all of the above tasks completed, the product is operational end-to-end.