

Workflow Basics

Trifacta® enables analysts, data specialists, and other domain experts to quickly cleanse and transform datasets of varying sizes for use in other analytics systems. Using an innovative set of web-based tools, you can import complex datasets and wrangle them for use in virtually any target system. Key capabilities include:

- **Import** from flat file or databases or distributed storage systems
- Locate and remove or modify **missing or mismatched** data
- **Unnest complex** data structures
- Identify statistical **outliers** in your data for review and management
- Perform **lookups** from one dataset into another reference dataset
- Aggregate columnar data using a variety of **aggregation functions**
- **Normalize** column values for more consistent usage and statistical modeling
- Merge datasets with **joins**
- Append one dataset to another through **union** operations

Most of these operations can be executed with a few mouse clicks. This section provides a basic overview of common workflows through Trifacta.

Pre-requisites

Before you begin, please verify the following:

1. **Trifacta account:** You have a Trifacta account and can login.
 - a. If you do not have an account, you may be able to self-register through the application.
 - b. If not, please contact your Trifacta administrator.

See *Login*.

2. If you are importing data from a location other than your local file system, you must have the appropriate role in your user account. See *Import Basics*.
3. **Example data:** You should use a sample set of data during this workflow.

Basic Workflow

1. **Review object overview:** Before you begin, you should review the overview of the objects that are created and maintained in Trifacta. See *Object Overview*.
2. **Import data:** Integrate data from a variety of sources of data. See *Import Basics*.
3. **Profile your data:** Before, during, and after you transform your data, you can use the visual profiling tools to quickly analyze and make decisions about your data. See *Profiling Basics*.
4. **Build transform recipes:** Use the various views in the Transformer Page to build your transform recipes and preview the results on sampled data. See *Transform Basics*.
5. **Run job:** Launch a job to run your recipe on the full dataset. Review results and iterate as needed. See *Running Job Basics*.
6. **Export results:** Export the generated results data for use outside of Trifacta. See *Export Basics*.