

SharePoint Data Type Conversions

Feature Availability: This feature is available in the following editions:

- Trifacta® Enterprise Edition
- Trifacta Professional Edition
- Trifacta Premium

This section covers data type conversions between the Trifacta® application and SharePoint.

NOTE: The Trifacta® data types listed in this page reflect the raw data type of the converted column. Depending on the contents of the column, the Transformer Page may re-infer a different data type, when a dataset using this type of source is loaded.

Access/Read

NOTE: Image, Link, and Address fields from SharePoint are imported into Trifacta as JSON strings. Incorrect formatting or modification of these strings within the product may result in errors when published back to SharePoint Lists.

Source Data Type	Supported?	Trifacta Data Type	Notes
Choice (menu)	Y	String	
Currency	Y	Float	
Date and Time	Y	Datetime	
Link and Image	Y	String (JSON)	
Lookup	Y	String	
Address	Y	String (JSON)	
Multiple lines of text	Y	String	Lines in the source are demarcated in the String value using the newline character.
Number	Y	Float	
Person or Group	Y	String (JSON)	
Single line of text	Y	String	
Task outcome	Y	String	
Yes/No	Y	Boolean	

Publish/Write

Trifacta Data Type	SharePoint List Data Types	Notes
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String	String Note Text Varchar URL Choice	NOTE: Secondary types are published only if appending or truncating an existing table. See below.
Integer	Integer	
Decimal	Float Currency	
Datetime	Date and Time	
Bool	Boolean	
Map	Note String Text Varchar	NOTE: Secondary types are published only if appending or truncating an existing table. See below.
Array	Note String Text Varchar	NOTE: Secondary types are published only if appending or truncating an existing table. See below.
All other data types	String	

For more information, see http://cdn.cdata.com/help/RSF/jdbc/pg_datatypemapping.htm.

Depending on the publishing action, output data types may vary.

Appending or truncating a SharePoint List:

If you are appending or truncating an existing SharePoint List, all column data types are published to the target data types as expected, as long as the data being published can be parsed and published by SharePoint.

Writing to a new SharePoint List:

Some data types in Trifacta do not have a direct mapping to SharePoint List data types. Examples:

- Address, Link, Person, Choice, and Image data types are published to SharePoint Lists as a multi-line String.
- Currency is published as a Number.
- Datetime values in Trifacta are written back to SharePoint Lists as DateTime types, even if the source data from SharePoint is Date type.