

SQL DW Data Type Conversions

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

Source Data Type	Supported	Trifacta Data Type
INT	Y	Integer
TINYINT	Y	Integer
SMALLINT	Y	Integer
BIGINT	Y	Integer
FLOAT	Y	Float
REAL	Y	Float
BIT	Y	Bool
SMALLMONEY	Y	String
MONEY	Y	String
DECIMAL	Y	Float
NUMERIC	Y	String
DATETIMEOFFSET	Y	String
TIME	Y	String
DATE	Y	String
DATETIME	Y	String
DATETIME2	Y	String
SMALLDATETIME	Y	String
CHAR	Y	String
VARCHAR	Y	String
NCHAR	Y	String
NVARCHAR	Y	String
SYSNAME	Y	String
BINARY	Y	String
VARBINARY	Y	String
UNIQUEIDENTIFIER	Y	String
TIMESTAMP	N	
GEOGRAPHY	N	
GEOMETRY	N	
HIERARCHYID	N	
IMAGE	N	

TEXT	N	
NTEXT	N	
XML	N	
CURSOR	N	
ROWVERSION	N	
SQL_VARIANT	N	

Publish/Write

NOTE: By default, the maximum length of values published to VARCHAR columns is 256 characters. As needed, this limit can be changed for multiple publication targets. For more information, see *Configure Application Limits*.

Trifacta Data Type	SQL DW Data Type	Notes
String	VARCHAR	
Integer	BIGINT	
Float	FLOAT	
Bool	BIT	
Datetime	DATETIME2	If a time-only value is published as an append to a pre-defined DATETIME2 column, then the output column is prepended with 1900-01-01.
Datetime (with time value only)	TIME	If a value is published as an append to a pre-defined TIME column, then any date information is dropped from the output.
Datetime	VARCHAR	If a Datetime value is published as an append to a pre-defined VARCHAR column, then the output column contains the string value of whatever appears in the Transformer page.
Map	VARCHAR	
Array	VARCHAR	
Date	VARCHAR	
All Other Data Types	VARCHAR	