

SQL Server 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 SQL Server databases.

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
Bigint	Y	Integer
BIGINT IDENTITY	Y	Integer
Binary	Y	String (Base64)
Bit	Y	Bool
Char	Y	String
Cursor	N	
Date	Y	Date
Datetime	Y	Date
Datetime2	Y	Date
Datetimeoffset	Y	String
Decimal	Y	Integer/Decimal
DECIMAL IDENTITY	Y	Integer
Float	Y	Decimal
GEOGRAPHY	Y	String
GEOMETRY	Y	String
HIERARCHYID	Y	String
Image	Y	String
Int	Y	Integer
INT IDENTITY	Y	Integer
Money	Y	Decimal
Nchar	Y	String
Ntext	Y	String

Numeric	Y	Integer/Decimal
NUMERIC IDENTITY	Y	Integer
Nvarchar	Y	String
Nvarchar(max)	Y	String
Real	Y	Decimal
Smalldatetime	Y	Date
Smallint	Y	Integer
SMALLINT IDENTITY	Y	Integer
Smallmoney	Y	Decimal
Sql_variant	N	
Table	N	
Text	Y	String
Time	Y	String
Timestamp	Y	String
Tinyint	Y	Integer
TINYINT IDENTITY	Y	Integer
Uniqueidentifier	Y	String
Varbinary	Y	String (Base64)
Varbinary(max)	Y	String (Base64)
Varchar	Y	String
Varchar(max)	Y	String
Xml	Y	String

Write/Publish

Trifacta Data Type	SQL Server Column Type	Notes
Bool	BIT	
	VARCHAR(256)	
Integer	BIGINT	
	INT	
	SMALLINT	
	DECIMAL	
	VARCHAR(256)	
String	VARCHAR(256)	
Datetime	DATETIME	
	TIMESTAMP	
	VARCHAR(256)	
Timestamp	TIME	
	VARCHAR(256)	

Float	FLOAT	
	DECIMAL	
	NUMERIC	
	VARCHAR(256)	
Map	VARCHAR(256)	
Array	VARCHAR(256)	

NOTE: If you are appending to an existing table where a column's Trifacta data type is not mapped to the column data type in the target table, a validation error is thrown, as the platform writes unmapped types as String data type.