

# SQL Server 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
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	
String	VARCHAR(256)	
	DATETIME	
	TIMESTAMP	
Timestamp	VARCHAR(256)	
	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 Trifacta platform writes unmapped types as String data type.