

Redshift Data Type Conversions

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i 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
string	Y	String
bigint	Y	Integer
double precision	Y	Decimal
bool	Y	Boolean
date	Y	DateTime
timestamp	Y	DateTime

Write/Publish

Create new table

i 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	Redshift Data Type	Notes
String	varchar	
Integer	bigint	
Decimal	double precision	
Bool	bool	
Datetime	timestamp	When you publish results from a job through the Export Results window to Redshift, all Datetime column values are written as String type.
Object	varchar	
Array	varchar	

i NOTE: Object and Array types are written in the supported format, if escaped commas and backslashes are unescaped in your recipe.

Append to existing table

If you are publishing to a pre-existing table, the following data type conversions apply:

- **Columns:** Trifacta data types
- **Rows:** Target table data types

In any table cell, a Y indicates that the append operation for that data type mapping is supported.

	String	Integer	Datetime	Bool	Float	Map	Array
TEXT	Y	Y	Y	Y	Y	Y	Y
VARCHAR	Y	Y	Y	Y	Y	Y	Y
NVARCHAR	Y	Y	Y	Y	Y	Y	Y
BPCHAR	Y	Y	Y	Y	Y	Y	Y
NCHAR							
CHAR							
CHARACTER VARYING	Y	Y	Y	Y	Y	Y	Y
SMALLINT							
INT2							
INTEGER							
INT							
INT4							
BIGINT		Y					
INT8		Y					
DECIMAL		Y			Y		
NUMERIC		Y			Y		
DOUBLE_PRECISION		Y			Y		
FLOAT		Y			Y		
FLOAT4							
FLOAT8					Y		
REAL							
BOOL				Y			
BOOLEAN				Y			
TIMESTAMP			Y				
TIMESTAMPPTZ			Y				