

MySQL 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 MySQL 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
array	N	
bigint	Y	Integer
tinyint	Y	Integer
mediumint	Y	Integer
smallint	Y	Integer
int	Y	Integer
bit [(n)]	Y	String
float	Y	Float
numeric	Y	Float
decimal	Y	Decimal
real	Y	Float
boolean	Y	Bool
character varying(n), varchar(n)	Y	String
character(n), char(n)	Y	String
date	Y	Date
double	Y	Decimal
enum	N	
set	N	
json	Y	String
text	Y	String
tinytext	Y	String
mediumtext	Y	String

lontext	Y	String
time	Y	Datetime
datetime	Y	Datetime
timestamp	Y	Datetime
year	Y	String

Write/Publish

Trifacta Data Type	PostgreSQL Column Type	Notes
Bool	BIT	
	VARCHAR	
	TINYINT(1)	
Integer	BIGINT	
	INT	
	SMALLINT	
	MEDIUMINT	
	TINYINT	
	VARCHAR	
	VARCHAR	
String	VARCHAR	
	TINYTEXT	
	TEXT	
	MEDIUMTEXT	
	LONGTEXT	
Datetime	TIMESTAMP	
	DATETIME	
	DATE	
	VARCHAR	
Timestamp	VARCHAR	
	VARCHAR	
Float	FLOAT	
	DECIMAL	
	REAL	
	NUMERIC	
	VARCHAR	
Map	VARCHAR	
Array	VARCHAR	

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.