

# Postgres 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
array	N	
bigint	Y	Integer
bigserial	Y	Integer
bit [ (n) ]	Y	String
bit varying [ (n) ]	Y	String
boolean	Y	Bool
box	Y	String
bytea	Y	String
character varying(n), varchar(n)	Y	String
character(n), char(n)	Y	String
cidr	Y	String
circle	Y	String
composite	N	
date	Y	Date
daterange	N	
decimal	Y	Decimal
double precision	Y	Decimal
enum	N	
inet	Y	String
int4range	N	
int8range	N	
integer	Y	Integer
interval [ fields ] [ (p) ]	Y	String
json	Y	Object
line	N	
lseg	Y	String
macaddr	Y	String
money	Y	Decimal
numeric	Y	Decimal/Integer
numrange	N	

oid	N	
path	Y	String
point	Y	String
polygon	Y	String
real	Y	Decimal
serial	Y	Integer
smallint	Y	Integer
smallserial	Y	Integer
text	Y	String
time [ (p) ]	Y	Date
time [ (p) ] with time zone	Y	String
timestamp [ (p) ]	Y	Date
timestamp [ (p) ] with time zone	Y	Date
tsquery	Y	String
tstrange	N	
tstzrange	N	
tsvector	Y	String
txid_snapshot	Y	String
uuid	Y	String
xml	Y	String

## Write/Publish

Trifacta Data Type	PostgreSQL Column Type	Notes
Bool	BOOL	
	VARCHAR	
Integer	BIGINT	
	INT	
	SMALLINT	
	VARCHAR	
String	VARCHAR	
Datetime	TIMESTAMP	
	VARCHAR	
Timestamp	VARCHAR	
Float	DECIMAL	
	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 Trifacta platform writes unmapped types as String data type.