# PostgreSQL DotNet DataType Mapping

Here’s a list of .NET datatypes, and how best to store each one.

| .NET Datatype | PostGreSQL DataType |
|---|---|
| datetime (UTC) | timestamp without time zone |
| Guid | uuid |
| float | real |
| double | double precision |
| bool | boolean |
| decimal | numeric |
| string (unlimited size) | text COLLATE pg_catalog."default" |
| string (limited but unfixed) | character varying(50) COLLATE pg_catalog."default" |
| int32 | integer |
| int64 | bigint |
| DMClassName (string) | character varying(50) COLLATE pg_catalog."default" |
| DMClassVer (int) | integer NOT NULL |
| Id (Guid) | uuid NOT NULL |
| Id (int) | integer NOT NULL |

| | |
|---|---|
| Phone Number (string) | character varying(20) COLLATE pg_catalog."default" |
| Company (string) | character varying(100) COLLATE pg_catalog."default" |
| IconName (string) | character varying(50) COLLATE pg_catalog."default" |

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