PostgreSQL, kullanıcılara sunulan zengin bir yerel veri türleri kümesine sahiptir. Kullanıcılar, CREATE TYPE komutunu kullanarak PostgreSQL'e yeni türler ekleyebilir.

Tablo 8.1 tüm yerleşik genel amaçlı veri türlerini göstermektedir. "Takma adlar" sütununda listelenen alternatif adların çoğu, tarihsel nedenlerle PostgreSQL tarafından dahili olarak kullanılan adlardır. Ayrıca, dahili olarak kullanılan veya kullanımdan kaldırılan bazı türler mevcuttur, ancak burada listelenmemiştir.

**Table 8.1. Data Types**

|  |  |  |
| --- | --- | --- |
| **Name** | **Aliases** | **Description** |
| bigint | int8 | signed eight-byte integer |
| bigserial | serial8 | autoincrementing eight-byte integer |
| bit [ (***n***) ] |  | fixed-length bit string |
| bit varying [ (***n***) ] | varbit [ (***n***) ] | variable-length bit string |
| boolean | bool | logical Boolean (true/false) |
| box |  | rectangular box on a plane |
| bytea |  | binary data (“byte array”) |
| character [ (***n***) ] | char [ (***n***) ] | fixed-length character string |
| character varying [ (***n***) ] | varchar [ (***n***) ] | variable-length character string |
| cidr |  | IPv4 or IPv6 network address |
| circle |  | circle on a plane |
| date |  | calendar date (year, month, day) |
| double precision | float8 | double precision floating-point number (8 bytes) |
| inet |  | IPv4 or IPv6 host address |
| integer | int, int4 | signed four-byte integer |
| interval [ ***fields*** ] [ (***p***) ] |  | time span |
| json |  | textual JSON data |
| jsonb |  | binary JSON data, decomposed |
| line |  | infinite line on a plane |
| lseg |  | line segment on a plane |
| macaddr |  | MAC (Media Access Control) address |
| macaddr8 |  | MAC (Media Access Control) address (EUI-64 format) |
| money |  | currency amount |
| numeric [ (***p***, ***s***) ] | decimal [ (***p***, ***s***) ] | exact numeric of selectable precision |
| path |  | geometric path on a plane |
| pg\_lsn |  | PostgreSQL Log Sequence Number |
| pg\_snapshot |  | user-level transaction ID snapshot |
| point |  | geometric point on a plane |
| polygon |  | closed geometric path on a plane |
| real | float4 | single precision floating-point number (4 bytes) |
| smallint | int2 | signed two-byte integer |
| smallserial | serial2 | autoincrementing two-byte integer |
| serial | serial4 | autoincrementing four-byte integer |
| text |  | variable-length character string |
| time [ (***p***) ] [ without time zone ] |  | time of day (no time zone) |
| time [ (***p***) ] with time zone | timetz | time of day, including time zone |
| timestamp [ (***p***) ] [ without time zone ] |  | date and time (no time zone) |
| timestamp [ (***p***) ] with time zone | timestamptz | date and time, including time zone |
| tsquery |  | text search query |
| tsvector |  | text search document |
| txid\_snapshot |  | user-level transaction ID snapshot (deprecated; see pg\_snapshot) |
| uuid |  | universally unique identifier |
| xml |  | XML data |