

Investigar tipos de datos en postgres: numéricos, caracteres, fechas. Y 2 que les llamen la atención:

Numéricos:

Table 8.2. Numeric Types

Name	Storage Size	Description	Range
<code>smallint</code>	2 bytes	small-range integer	-32768 to +32767
<code>integer</code>	4 bytes	typical choice for integer	-2147483648 to +2147483647
<code>bigint</code>	8 bytes	large-range integer	-9223372036854775808 to +9223372036854775807
<code>decimal</code>	variable	user-specified precision, exact	up to 131072 digits before the decimal point; up to 16383 digits after the decimal point
<code>numeric</code>	variable	user-specified precision, exact	up to 131072 digits before the decimal point; up to 16383 digits after the decimal point
<code>real</code>	4 bytes	variable-precision, inexact	6 decimal digits precision
<code>double precision</code>	8 bytes	variable-precision, inexact	15 decimal digits precision
<code>smallserial</code>	2 bytes	small autoincrementing integer	1 to 32767
<code>serial</code>	4 bytes	autoincrementing integer	1 to 2147483647
<code>bigserial</code>	8 bytes	large autoincrementing integer	1 to 9223372036854775807

Caracteres:

Table 8.4. Character Types

Name	Description
<code>character varying(n)</code> , <code>varchar(n)</code>	variable-length with limit
<code>character(n)</code> , <code>char(n)</code>	fixed-length, blank padded
<code>text</code>	variable unlimited length

Fechas:

Table 8.9. Date/Time Types

Name	Storage Size	Description	Low Value	High Value	Resolution
<code>timestamp [(p)] [without time zone]</code>	8 bytes	both date and time (no time zone)	4713 BC	294276 AD	1 microsecond
<code>timestamp [(p)] with time zone</code>	8 bytes	both date and time, with time zone	4713 BC	294276 AD	1 microsecond
<code>date</code>	4 bytes	date (no time of day)	4713 BC	5874897 AD	1 day
<code>time [(p)] [without time zone]</code>	8 bytes	time of day (no date)	00:00:00	24:00:00	1 microsecond
<code>time [(p)] with time zone</code>	12 bytes	time of day (no date), with time zone	00:00:00+1559	24:00:00-1559	1 microsecond
<code>interval [fields] [(p)]</code>	16 bytes	time interval	-178000000 years	178000000 years	1 microsecond

Monetarios:

Table 8.3. Monetary Types

Name	Storage Size	Description	Range
<code>money</code>	8 bytes	currency amount	-92233720368547758.08 to +92233720368547758.07

Geométricos:

Table 8.20. Geometric Types

Name	Storage Size	Description	Representation
point	16 bytes	Point on a plane	(x,y)
line	32 bytes	Infinite line	{A,B,C}
lseg	32 bytes	Finite line segment	((x1,y1),(x2,y2))
box	32 bytes	Rectangular box	((x1,y1),(x2,y2))
path	16+16n bytes	Closed path (similar to polygon)	((x1,y1),...)
path	16+16n bytes	Open path	[(x1,y1),...]
polygon	40+16n bytes	Polygon (similar to closed path)	((x1,y1),...)
circle	24 bytes	Circle	<(x,y),r> (center point and radius)

Referencias

[1] "Chapter 8. Data types", PostgreSQL Documentation, 10-ago-2023. [En línea]. Disponible en: <https://www.postgresql.org/docs/15/datatype.html>. [Consultado: 21-sep-2023].

[2] "8.1. Numeric types", PostgreSQL Documentation, 10-ago-2023. [En línea]. Disponible en: <https://www.postgresql.org/docs/15/datatype-numeric.html>. [Consultado: 21-sep-2023].

[3] "8.3. Character types", PostgreSQL Documentation, 10-ago-2023. [En línea]. Disponible en: <https://www.postgresql.org/docs/15/datatype-character.html>. [Consultado: 21-sep-2023].

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[5] "8.8. Geometric types", PostgreSQL Documentation, 10-ago-2023. [En línea]. Disponible en: <https://www.postgresql.org/docs/15/datatype-geometric.html>. [Consultado: 21-sep-2023].

[6] "8.2. Monetary types", PostgreSQL Documentation, 10-ago-2023. [En línea]. Disponible en: <https://www.postgresql.org/docs/15/datatype-money.html>. [Consultado: 21-sep-2023].