PostgreSQL

Data Types

A large number of them are available.

Some of the more obscure.

https://www.postgresql.org/docs/15/datatype.html

- Arbitrary Precision Numbers
- Byte Strings (Similar but different to blobs)
- Enumerated Types
    - Select * from pg_enum
- Geometric Types, point, line, polygon, etc
- Network Address Types
- Bit String Types
- XML Type
- JSON Types (json, jsonb)
- Arrays
- Composite Types
- Range Types
- Object Identifier Types
- Pseudo Types
- tsvector

Index Types

Seems also to have a bunch of them.

https://www.postgresql.org/docs/15/indexes-types.html

- B-Tree
- Hash
- GiST
- SP_GiST
- GIN
- BRIN

GiST can optimize nearest neighbour searches.

Locale

https://www.postgresql.org/docs/15/locale.html

- show LC_COLLATE;
- show LC_CTYPE;
- show LC_MESSAGES;
- show LC_MONETARY;

Column Character Set

Collate "C"

Collate "ucs_basic"

Select * from pg_collation

select * from film_list order by description collate "en-AU-x-icu"