

- [[SQL]] automatically creates tables containing meta data of all database objects

- **Catalog Overview**

- **Meta data** of all database objects
(tables, constraints, indexes) → **mostly read-only**
- **Accessible through SQL**
- Organized by schemas (**CREATE SCHEMA** tpch;)

- **SQL Information_Schema**

- Schema with tables
for all tables, views, constraints, etc
- **Example:** check for existence of accessible table

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- allows queries on schema

```
SELECT 1 FROM information_schema.tables
WHERE table_schema = 'tpch'
      AND table_name = 'customer'
```

(defined as views over PostgreSQL catalog tables)

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- example: database catalog

