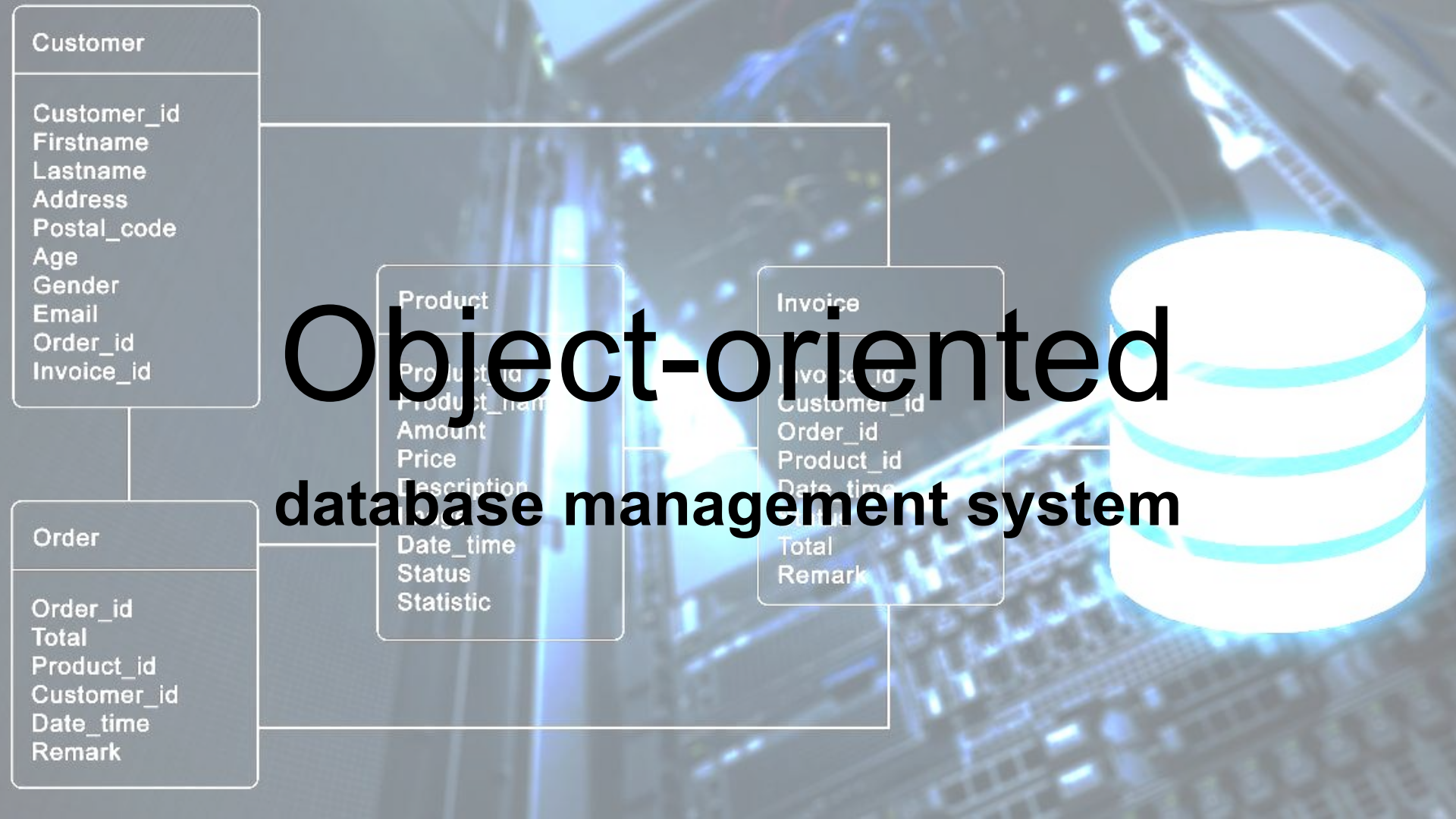


Object-oriented

database management system

Genisis

- Since 1980
- Because everybody used object-orientated programming languages

Vision

Available objects

- Easy
- Without deformation
- Without decomposition

to store in databases

and also the relationships should be included

Example

Object

Includes following

Attributes
- Color
- Manufacturer
- Type
- Registration

Values
- Accelerate
- Brakes

MongoDB

MongoDB is a document database, which means it stores data in JSON-like documents.

```
{
  "_id": "5cf0029caff5056591b0ce7d",
  "firstname": "Jane",
  "lastname": "Wu",
  "address": {
    "street": "1 Circle Rd",
    "city": "Los Angeles",
    "state": "CA",
    "zip": "90404"
  },
  "hobbies": ["surfing", "coding"]
}
```

JSON Document

The most natural and productive way to work with data.

Support arrays and nested objects as values.

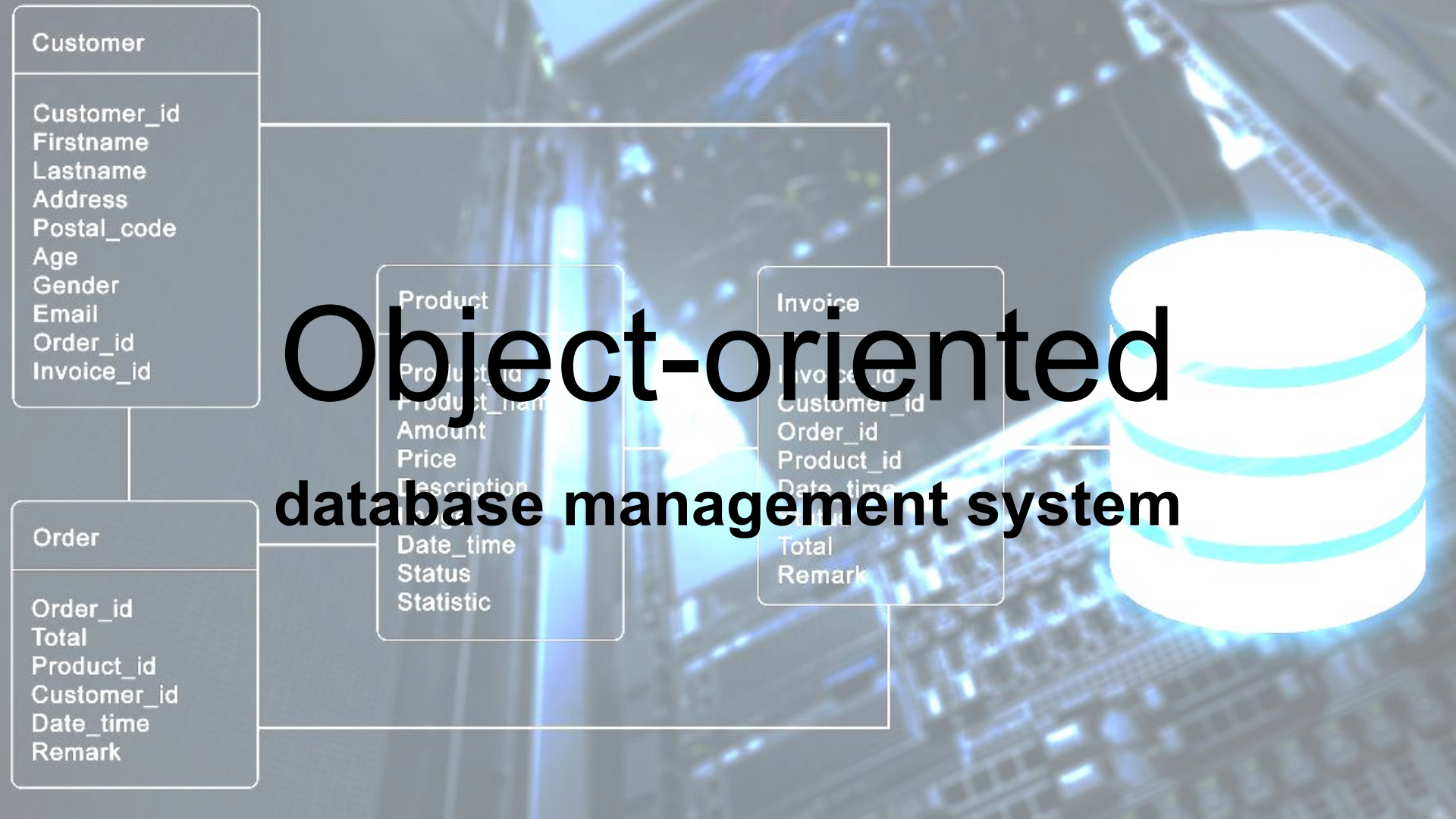
Allows for flexible and dynamic schemas.

Powerful query language

- Allows to filter and sort by any field
- Support other use-cases like text search
- Easily composable
- No more concatenating strings

- Support for joins in queries
- Two types of relationships instead of one

Whatever your question, OData can answer it



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