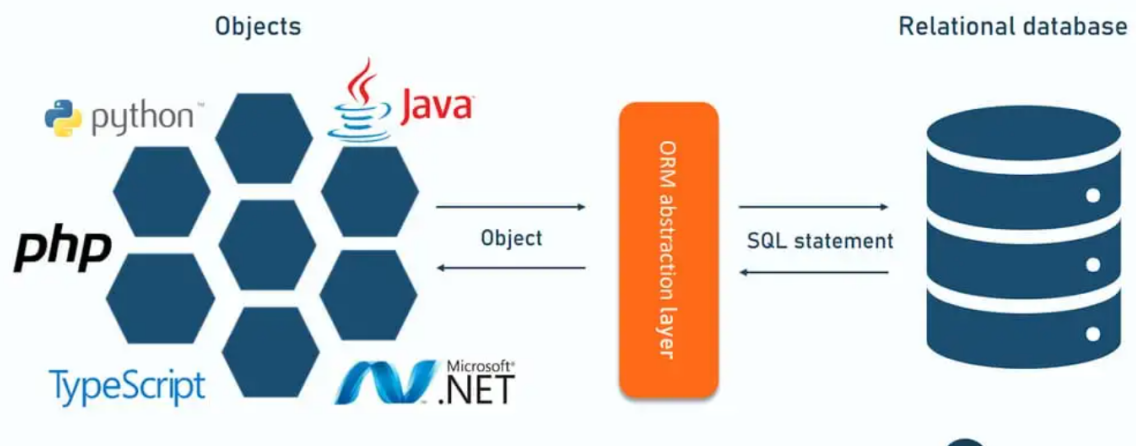


## OBJECT-RELATIONAL MAPPING PROCESS



Feature	Sequelize	TypeORM	Prisma
Language Support	JavaScript and TypeScript	Primarily TypeScript	TypeScript
Database Support	SQL-based databases	SQL and NoSQL databases	SQL and MongoDB
Model Definition	JavaScript classes and configurations	TypeScript classes with decorators	Schema-based definitions
Query Building	Functional query API and raw SQL	Query builder, decorators, and raw SQL	Auto-generated type-safe client
Migrations	Manual migrations	Automated and manual migrations	Declarative migrations
Type Safety	Limited	Strong TypeScript support	Excellent TypeScript support
Community Support	Mature and large	Active and growing	Rapidly growing

✓  
mysql> select \* from customers;

email	name
peter@gmail.com	Peter Hawk
roger@gmail.com	Roger Smith

mysql> select id, title, price from products;;

id	title	price
1	Solid Gold Petite Micropave	168
2	Pierced Owl Rose Gold Plated Stainless Steel Double	11.25

orders

oid	order_date	total	customer_fk
123	23-12-2025	89022	roger@gmail.com ✓
124	23-12-2025	82213	smith@gmail.com
125	24-12-2025	7332	roger@gmail.com ✓

items

Item_id (PK)	Order_fk	Product_fk	Qty	Price	amount
412	123 ✓	1	3	168	168*3 = tax
413	123 ✓	2 ✓	1	11.25	12.5
414	124	2 ✓	5	11.25	55.20