

# Why Study the Relational Model?

- Most widely used model

- Vendors: IBM, Microsoft, Oracle, SAP, ...

- Recent competitors :NoSQL, NewSQL

Rank			DBMS	Database Model	Score		
Mar 2023	Feb 2023	Mar 2022			Mar 2023	Feb 2023	Mar 2022
1.	1.	1.	Oracle +	Relational, Multi-model ⓘ	1261.29	+13.77	+9.97
2.	2.	2.	MySQL +	Relational, Multi-model ⓘ	1182.79	-12.66	-15.45
3.	3.	3.	Microsoft SQL Server +	Relational, Multi-model ⓘ	922.01	-7.08	-11.77
4.	4.	4.	PostgreSQL +	Relational, Multi-model ⓘ	613.83	-2.67	-3.10
5.	5.	5.	MongoDB +	Document, Multi-model ⓘ	458.78	+6.02	-26.88
6.	6.	6.	Redis +	Key-value, Multi-model ⓘ	172.45	-1.39	-4.31
7.	7.	7.	IBM Db2	Relational, Multi-model ⓘ	142.92	-0.04	-19.22
8.	8.	8.	Elasticsearch	Search engine, Multi-model ⓘ	139.07	+0.47	-20.88
9.	9.	↑ 10.	SQLite +	Relational	133.82	+1.15	+1.64
10.	10.	↓ 9.	Microsoft Access	Relational	132.06	+1.03	-3.37
11.	↑ 12.	↑ 14.	Snowflake +	Relational	114.40	-1.26	+28.17
12.	↓ 11.	↓ 11.	Cassandra +	Wide column	113.79	-2.43	-8.35
13.	13.	↓ 12.	MariaDB +	Relational, Multi-model ⓘ	96.84	+0.03	-11.47
14.	14.	↓ 13.	Splunk	Search engine	87.97	+0.89	-7.39
15.	15.	↑ 16.	Amazon DynamoDB +	Multi-model ⓘ	80.77	+1.08	-1.03
16.	16.	↓ 15.	Microsoft Azure SQL Database	Relational, Multi-model ⓘ	77.44	-1.31	-7.23
17.	17.	17.	Hive	Relational	70.91	-1.21	-10.31
18.	18.	18.	Teradata	Relational, Multi-model ⓘ	63.74	+0.71	-5.11
19.	19.		Databricks	Multi-model ⓘ	60.86	+0.52	
20.	20.	↓ 19.	Neo4j +	Graph	53.51	-1.92	-6.16
21.	↑ 22.	↑ 24.	Google BigQuery +	Relational	53.44	+0.99	+6.78
22.	↓ 21.	22.	FileMaker	Relational	51.15	-1.66	-1.81
23.	23.	↓ 21.	SAP HANA +	Relational, Multi-model ⓘ	50.84	+1.17	-5.17
24.	24.	↓ 20.	Solr	Search engine, Multi-model ⓘ	47.28	+1.40	-11.77
25.	25.	↓ 23.	SAP Adaptive Server	Relational, Multi-model ⓘ	42.95	-0.11	-6.12

<https://db-engines.com/en/ranking>