



PERCONA

Why PostgreSQL took the crown from MySQL and what lies ahead

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Involved with
Open Source
Databases
since 1999



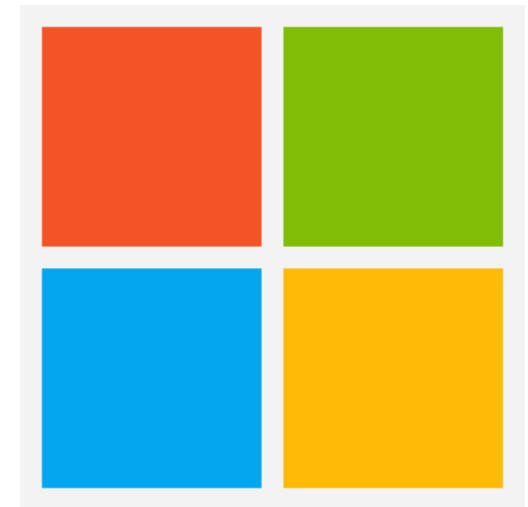


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01/01/2000



MILLENNIUM
2000



Open Source
DBs Less than
5%

MySQL 3.23 - No
Transactions

PostgreSQL 7.0 -
MVCC just Introduced

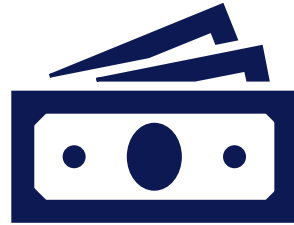
Powered by Oracle on Solaris



DOTCOM CRASH
-2000



Post Crash Internet ecosystem

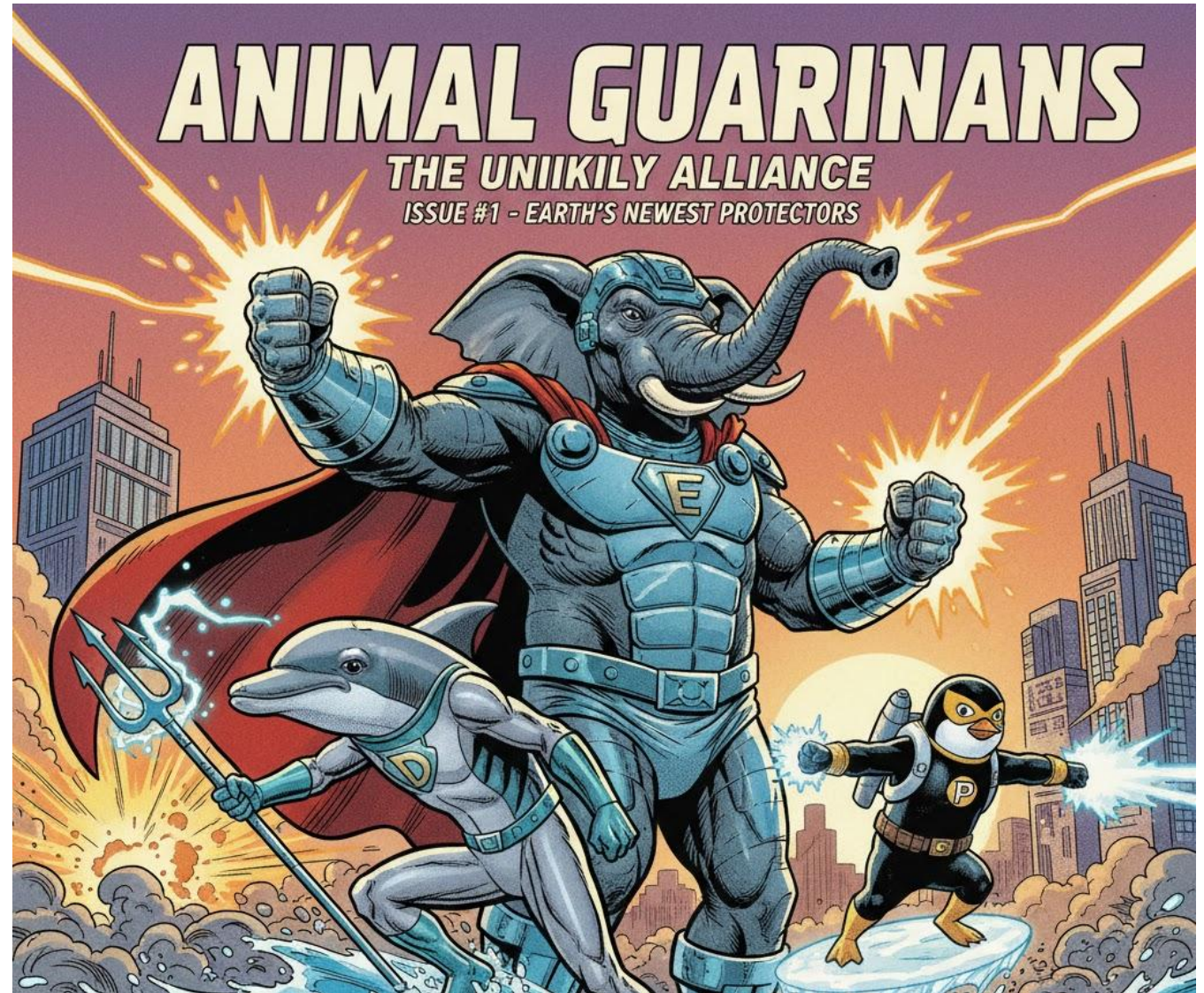


Funding is Scarce



User Generated Content
Driven Web 2.0

Rise of Open Source Operating System and Databases





Much easier to deploy
and manage



Part of LAMP Stack



Available from many
hosting providers



Marketing, company
behind providing support

MySQL much more popular than PostgreSQL

PostgreSQL Community bitter of MySQL Success [2002]



Seeds of
PostgreSQL
Future
Success

Permissive License

Community Governance

Designed for Extensibility

**Heroku
PostgreSQL
(2010)**

**AWS RDS
Postgres
(2013)**

Use PostgreSQL without Maintaining it

MySQL acquired by Oracle

Concerns about MySQL
Future



Benefits Realized



Commercial and DBaaS Derivatives



Embedding

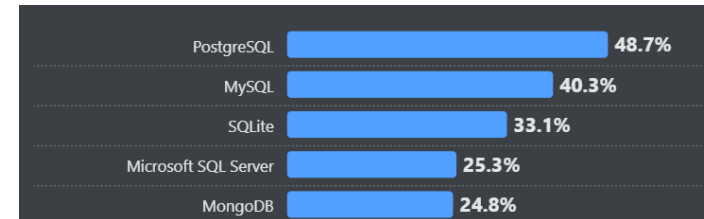


**Extensions (PostGIS, TimescaleDB,
PgVector)**



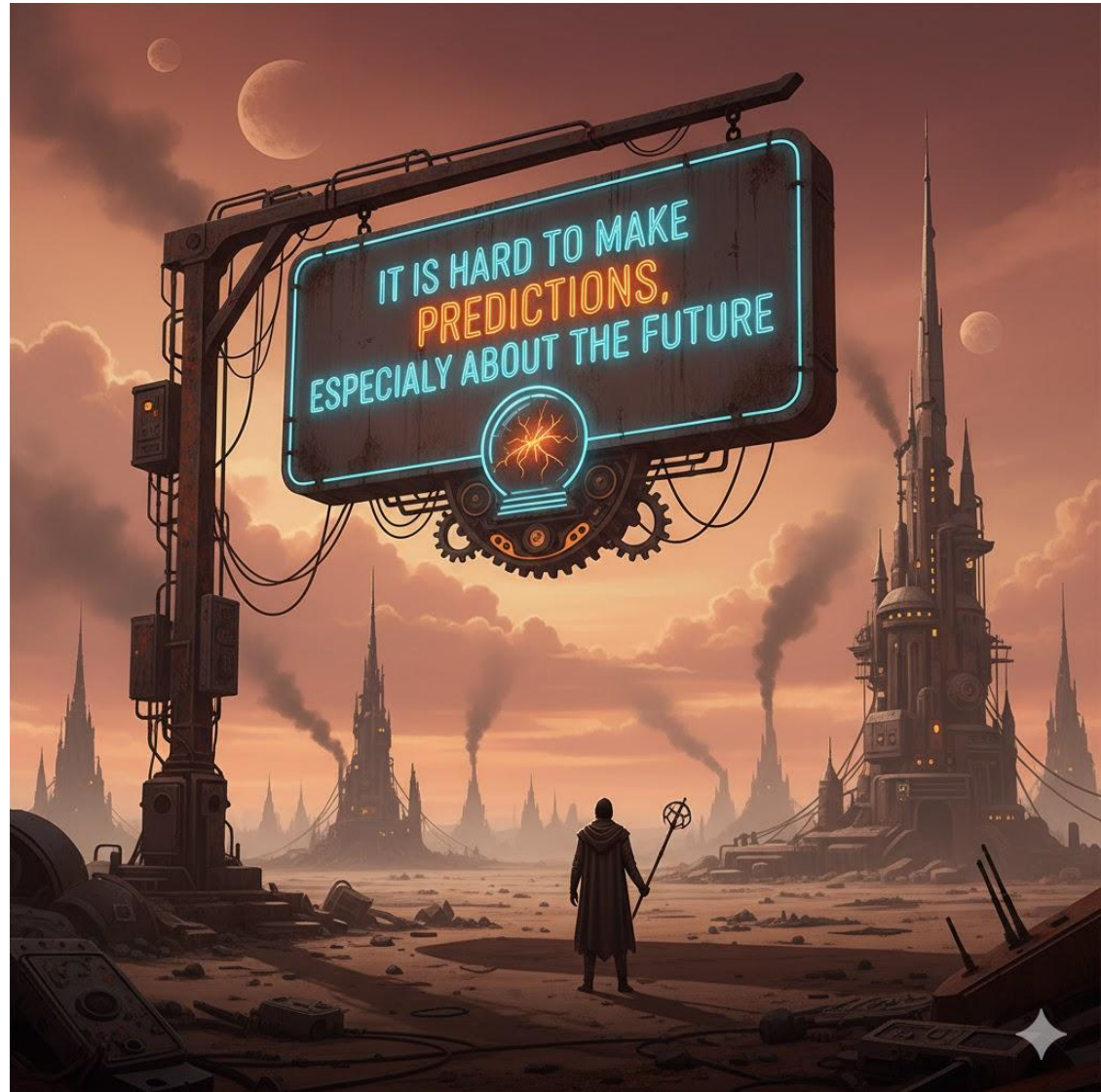
425 systems in ranking, October 2025

Rank			DBMS	Database Model	Score		
Oct 2025	Sep 2025	Oct 2024			Oct 2025	Sep 2025	Oct 2024
1.	1.	1.	Oracle	Relational, Multi-model	1212.77	+42.15	-96.67
2.	2.	2.	MySQL	Relational, Multi-model	879.66	-12.11	-143.09
3.	3.	3.	Microsoft SQL Server	Relational, Multi-model	715.05	-2.27	-87.04
4.	4.	4.	PostgreSQL	Relational, Multi-model	643.20	-13.97	-8.96
5.	5.	5.	MongoDB	Document, Multi-model	368.01	-12.49	-37.20
6.	6.	7.	Snowflake	Relational	198.65	+8.46	+58.05
7.	7.	6.	Redis	Key-value, Multi-model	142.33	-2.84	-7.30
8.	9.	14.	Databricks	Multi-model	128.80	+4.74	+43.21
9.	8.	9.	IBM Db2	Relational, Multi-model	122.37	-1.81	-0.40
10.	10.	8.	Elasticsearch	Multi-model	116.67	-1.59	-15.18



Current Status

What Lies Ahead



Lots of room
for growth
for
PostgreSQL



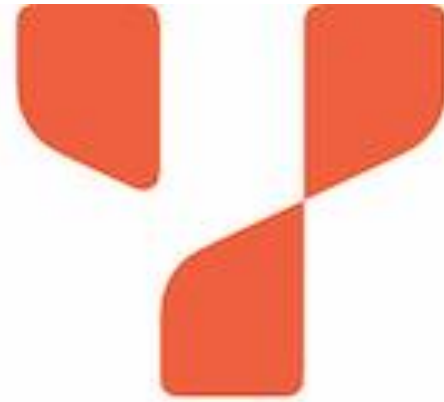
**Amazon
Aurora
PostgreSQL**

AlloyDB

PolarDB

Fragmentation

New Takes on Database Architecture



yugabyteDB



**PEOPLE CHOSE
POSTGRESQL**



**WHAT WILL AI CHOOSE
?**

AI

Summary

Phenomenal Success of PostgreSQL!

Note In 2005 MySQL Community thought MySQL has Won

Not recognizing it is an “Infinite Game”

Keep Innovating, Keep Contributing!

P.S. Please
fill out
survey

