

MySQL

MySQL happens to be one of the most popular databases, according to [DB Engines Ranking](#). It's a definite leader among SQL solutions, used by Google, LinkedIn, Amazon, Netflix, Twitter, and others. [MySQL](#) popularity has been growing a lot because teams increasingly prefer open-source solutions instead of commercial ones.

Price: the database solution is developed by Oracle and has additional paid tools; the core functionality can be accessed for free.

Language: MySQL is written in C++; database management is done with Structured Query Language.

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Read our [comparison of MongoDB vs MySQL](#) to make the right choice of a database solution.

PostgreSQL

A tried-and-proven [relational database](#) that is known for supporting a lot of data types, intuitive storage of schemaless data, and rich functionality. Some developers go even as far as to claim that it's the most advanced open-source database on the market. We wouldn't go that far, but it's definitely a highly universal solution.

Price: open-source

Language: C

SQL Server

Unlike Postgresql vs MySQL, SQL Server is a commercial solution. It's preferred by companies who are dealing with large traffic workloads on a regular basis. It's also considered to be one of the most compatible systems with Windows services.

The SQL Server infrastructure includes a lot of additional tools, like reporting services, integration systems, and analytics. For companies that manage multiple teams, these tools make a big difference in day-to-day work.

Price: the database has a [free edition](#) for developers and small businesses but only supports 1 processor, 1GB of maximum memory used by the database engine and 10GB maximum database size.

. For a server, users need to pay \$931.