# ⚡ EverSQL

Optimize SQL queries, easily, automatically.

Product Overview

EverSQL Query Optimizer is the easiest way to improve your SQL queries' performance, automatically. It is a secure, cloud-hosted platform that enables optimizing MySQL, MariaDB and Percona Server queries. EverSQL uses proprietary algorithms to surface advanced query optimization insights and optimal indexing recommendations, so you can focus on writing queries, rather than optimizing them.

Product Highlights

- Automatically optimize an SQL query and retrieve optimal indexing recommendations.
- View changes applied to the query, along with examples and a side-by-side code comparison.
- Analyze MySQL slow log files and optimize poor-performing queries directly from the report.
- Retrieve optimal indexing recommendations for multiple queries, directly from slow log files.
- Integrate various database monitoring applications and SQL IDEs with EverSQL.
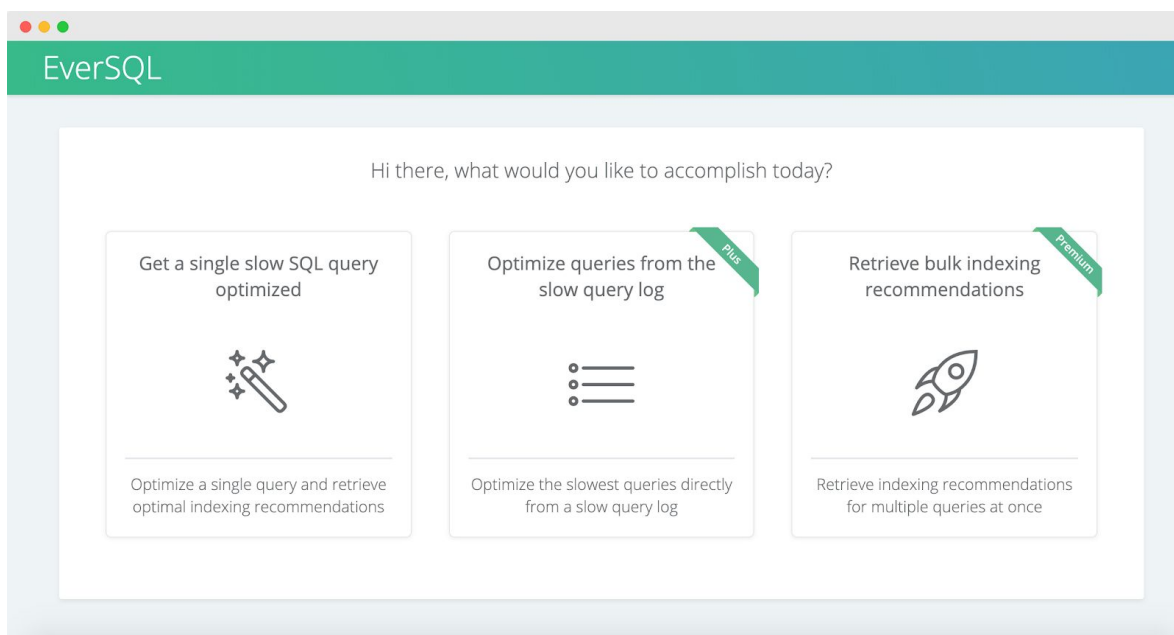
How secure is the data?

Our team is strongly committed at all levels, to the security of customer data. All sensitive data is encrypted both at rest and transit. We implement process, and technical controls designed to manage cybersecurity risks. For more information, please visit https://www.eversql.com/security .

How does the optimization algorithm work?

For optimal results, EverSQL Query Optimizer will ask you to submit the SQL queries to optimize and the matching schema structure (including important metadata).

EverSQL's algorithm takes dozens of factors into consideration in order to automatically optimize the query and provide optimal indexing recommendations. The factors list includes but is not limited to: the database type and version, the query's structure, the relationships between the tables, the tables structure, the amount of data in each table, the existing indexes and the data cardinality, the column types and properties, and more.

The optimization algorithm is being constantly improved as a result of customers feedback and constant research done by the EverSQL team.