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A Shallow Dive into Clickhouse

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<https://clickhouse.yandex/>

- True column-oriented DBMS - scans billions of rows per second
- Data is not only stored by columns, but is processed by vectors - parts of columns which achieve high CPU performance
- In-memory composite primary key index allows for efficient seek and range queries - low latency of less than several dozen milliseconds
- Lock-free inserts can scale to millions of rows per second
- Support for approximated calculations and sampling
- Async multi-master replication
- Distributed parallel queries over multiple replicas

Let's ask Clickhouse some questions!

Questions for me?

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