

# Kendra Little

Microsoft Certified Master, SQL Server 2008

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## Data is fascinating.

Every database environment I've worked with is unique, but my clients share common questions.

Here are the top three problems clients call me in to solve.

### “How should I manage all this data?”

Giant database? Big challenge.

You need to ensure data consistency and prevent fragmentation while keeping terabytes of data available. You want to find the cheapest way to back up your data *and* know you can recover quickly enough to stay in business.

I've done all of these and more:

- Designed availability solutions for terabytes of data using clusters, mirrors, and SAN snapshots
- Managed tables with over a billion rows-- including a published table in transactional replication
- Coded custom maintenance procedures for OLTP VLDBs behind business critical web apps
- Identified where table partitioning makes sense, and where it won't pay off on the investment

### “How can I get reports to users faster?”

Your customers and your business users need data fast. It's easy to process and publish data quickly in ideal conditions. Doing it reliably in the real world is hard.

Whether you're running reports against your OLTP database or you've distributed your reads across multiple databases, I've optimized both environments. In my favorite projects, I have:

- Architected scale-out reporting solutions for OLTP applications
- Tuned the performance of high volume ETL processes loading data to reporting systems
- Administered load balanced high volume VLDB reporting databases
- Coded monitoring solutions to report and alert on ETL runtimes and error conditions

### “Why is my application slow?”

My clients create, run, and use *great* applications. They sometimes need a jump start in finding where to start tuning when things get complicated.

I've identified changes to automatically generate SQL more efficiently with ORMs and custom tools.

I've quickly found problematic patterns and reduced frequently run queries to 10% of their original runtime.

Sometimes, I've found a small configuration change that made a world of difference.

**Founder,**  
**Brent Ozar PLF, LLC**



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## Recent Work

### Founder, Brent Ozar PLF, LLC

2011-present

SQL Server, Adventure Edition.

I tune performance and design prioritized change plans to scale client environments. I develop high availability and disaster recovery solutions. I give presentations on SQL Server and scalability at local and national conferences, as well as free webcasts. I blog at <http://BrentOzar.com>.

### Senior Database Administrator, WildTangent Games

2010-2011

Ready for high performance? Queries running longer than three seconds are triaged and optimized in the WildTangent Games OLTP environment. I tuned stored procedures, designed a disaster recovery plan, and redesigned database maintenance. One highlight: I implemented changes in isolation level to reduce contention by 95% in the most frequently queried database.

### Senior Database Administrator/Operations Engineer, Microsoft Corporation

2006-2010

At Microsoft Corporation I gained deep knowledge of SQL Server by designing and implementing hundreds of changes on critical production systems. These changes were in complex environments providing everything from source code management to internet ad serving data worth billions of dollars.

As part of these changes I reduced load time to reporting servers by 70% by identifying and preventing inefficient query plans. I discovered critical bugs in load balancing for customer reports against VLDB reporting databases. I also coded a monitoring solution for latency in high volume transactional replication and redesigned the triage process.

### Systems Administrator, aQuantive

2004-2006

I administered a large lab environment and automated build processing at an Internet software company. I restored environments from production backups and synchronized VLDBs with SQL replication on a monthly basis.

## Education

MA, Philosophy: Fordham University, 2002

BA, Humanities: Shimer College, 1998

Recent Work & Education

