IDERA

Educational Institution in USA

Introduction

This case study of University of California, Irvine is based on a November 2017 survey of SQL Doctor customers by TechValidate, a 3rd-party research service.

> "With SQL Doctor, we locate duplicate indexes and inefficient SQL queries in poorly performing applications and jobs."
>
> "SQL Doctor is easy to use and it allows us to quickly determine issues with real solutions."

Challenges

The business challenges that led the profiled organization to evaluate and ultimately select SQL Doctor:

- SQL Server performance problems due to:
  - index and query issues
  - disk, memory, network, and processor issues
  - database and server settings
- A need for guidance on how to quickly fix SQL Server issues (not sure how system changes will affect database performance)

Use Case

The surveyed organization has 50 to 99 SQL Server databases in their environment.

The surveyed organization looked for the following key features when evaluating SQL Doctor:

- Run real-time, as-needed, and scheduled health checkups
- Limit the analysis to specified databases, applications, and performance categories
- Display a prioritized list of performance optimization recommendations
- Generate SQL scripts to optimize performance and to undo previously applied optimization

Results

The surveyed organization achieved the following results with SQL Doctor:

- Team impact:
  - Improved visibility into database health and performance
  - Proactively resolved problems before they impact the organization
  - Reduced database workload and increased database performance
  - Have better utilization of resources
- Organizational impact:
  - Improved database end-user experience
  - Experienced fewer and less severe unpredictable database incidents
  - Improved database performance against organization-oriented service-level agreements
  - Reduced lost employee productivity
  - Decreased database-related IT costs
- Reduced:
  - backup issues: 60% to 80%
  - index issues: more than 80%
  - query issues: more than 80%
  - resource issues: more than 80%
  - SQL Server settings issues: more than 80%
  - workload issues: 60% to 80%

The surveyed organization rates the following capabilities of SQL Doctor as compared to its competition:

- quick or full health checkups: significantly better than
- drill-down dashboard: significantly better than
- prioritized recommendations: significantly better than
- educational resources: significantly better than
- scripts to tune and undo: significantly better than
- access to analysis history: significantly better than

Organization Profile

Organization:
University of California, Irvine

Industry:
Educational Institution

About SQL Doctor

SQL Doctor is a must-have time-saving tool that leverages proven industry best practices endorsed by SQL Server MVPs to analyze and provide recommendations for improving SQL Server performance. It targets some of the most common performance problems such as queries, server configuration, security, database objects, memory, wait statistics, query plans, and much more.

Learn More:

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Research by TechValidate