



# GenAI Enabled Database Management Tools

From hero to Superhero -  
Paving the way for the strategic DBA of the future





#### Universal Challenges in Multi-platform Database Management



### How GenAI addresses these challenges

AI is transforming the way that DBAs work by automating repetitive tasks, providing predictive insights and optimizing the pace at which code can be interpreted and utilized. According to ESG's report, 69% of the respondents replied that they were very or somewhat concerned about the possibility of AI threatening their viability in their role, regardless of their confidence level in their expertise.

The reality is quite different: GenAI isn't here to replace DBAs, it's here to empower them. By automating routine tasks and enhancing productivity, GenAI enables DBAs to focus on higher-value activities like innovation and governance.

The Quest GenAI-enabled tools, such as Toad Data Studio, Toad Data Point and Foglight are designed to empower data professionals, regardless of their formal training by augmenting their expertise with advanced features that simplify their daily tasks.

These tools allow DBAs to work faster and with greater confidence. Rather than replacing DBAs, GenAI acts as a supplemental tool, helping manage databases more efficiently and effectively without replacing the irreplaceable, human judgment.

### Empowering the DBA of the future: AI as a strategic enabler

The future of database management lies in strategic oversight and advanced optimization. Oftentimes, we hear that effective database management consists of the three pillars, people, processes and tools.

By integrating GenAI into the tools that already play a part in many organizations' workflows, Quest is making it easier for data professionals to stay ahead of the relentless curve of modernization. In fact, GenAI integration is helping to accelerate this evolution of the DBA from tactical, operational roles to strategic functions. As GenAI automates and speeds up routine tasks now and in the future, DBAs are free to focus on optimizing data governance, ensuring compliance and driving business innovation more than ever.

This addresses the growing complexity in database environments, where the research shows nearly 30% of organizations experienced database growth exceeding 30% over the past 24 months. Keeping up without leveraging GenAI is almost impossible.

### Real world impact: GenAI tools in action

Organizations adopting GenAI-powered database management tools are seeing concrete performance improvements across their database environments. According to the ESG research, 45% of respondents reported that enhanced visibility from database observability solutions helps optimize both performance and cost management. Additionally, 44% experienced increased operational efficiency, while 43% noted improved ability to detect and resolve data anomalies.

The Quest GenAI-enabled portfolio directly addresses these priorities by automating routine tasks that traditionally consume DBA time. For example, Toad Data Studio has an AI Explain feature that transforms complex SQL code into plain language descriptions, dramatically reducing the time needed

to understand and troubleshoot legacy scripts, while the AI Alarms feature in Foglight provides immediate, actionable insights that help resolve anomalies before they impact business operations.

**Conclusion: Bridging the skills gap with GenAI**

It's increasingly evident that the DBA role is evolving rapidly, and as database environments become more complex, the demand for skilled professionals will only increase.

By integrating GenAI-powered tools into their workflows, organizations hold the ability to empower their teams to work more confidently, enhance productivity and ensure optimal database performance.

With solutions like Toad Data Studio, Toad Data Point and Foglight from Quest, DBAs are equipped with the tools they need to excel in an increasingly automated world. They allow them to focus on the strategic aspects of database management, such as data governance, compliance and optimization, while GenAI augments their skill set to help quickly take care of routine tasks.

In the future, AI will not replace the DBA, instead it will supercharge them, allowing them to take their rightful place as the superheroes within their organizations that we already know them to be.

| Quest AI-enabled solution          | Feature Name | What it does                                                                                                                                         | Benefits to the user                                                                   | Benefits to the organization                                                        |
|------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Toad Data Studio / Toad for Oracle | AI Explain   | Translates complex or unfamiliar SQL code into plain language description and summary                                                                | Saves hours deciphering legacy or complex scripts                                      | Accelerates knowledge transfer and limits exposure and risk of errors               |
| Toad Data Point                    | AI Ask       | Allows for natural language inquiries of data sets to instantly provide feedback and insight for queried data                                        | Reduces manual sifting through data sets, increasing productivity and speed to insight | Empowers teams, freeing analysts and DBAs from ad-hoc, time consuming data analysis |
| Foglight                           | AI Alarms    | Provides actionable troubleshooting recommendations and the ability to ask follow-up questions for further refinement or suggestions for improvement | Simplifies and accelerates issue resolution                                            | Enhances database reliability and performance and reduces downtime                  |

## About Quest Software

Quest Software creates technology and solutions that build the foundation for enterprise AI. Focused on data management and governance, cybersecurity and platform modernization, Quest helps organizations address their most pressing challenges and make the promise of AI a reality. Around the globe, more than 45,000 companies including over 90% of the Fortune 500 count on Quest Software. For more information, visit [www.quest.com](http://www.quest.com) or follow Quest Software on [X](#) (formerly Twitter) and [LinkedIn](#).

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