Enabling Higher Efficiency and Lower Cost in Data Platform Management

Every company is a data company, and managing data and analytics programs is vital for success in business. But managing those platforms is rarely a company's core business. A complete modern data stack solution requires several technologies to work together seamlessly. Without deep, prior experience, it's difficult to choose from, deploy, and maintain the vast array of newly released acceleration and integration tools that enable modern businesses to update and optimize their data stack over time.

Maximizing Value from Data Platform Investment

Even for the most data-focused companies, managing data and analytics platforms is outside of their core business. For many, it is more cost-effective and efficient to use outside platform management experts instead of making the ongoing investment of resources and time to develop expertise in-house.

Analytics professionals may know data science and how to generate SQL queries, but they might not specialize in an enterprise's specific tools. Hiring that kind of specialization in-house can be difficult, risky, and delay achieving analytics goals.

Engaging a Managed Service Provider delivers cost savings through less in-house administrative support as well as optimized cloud usage and software spend. Managed Service allows companies to focus on their core business and the value their data delivers without creating a potential in-house cost center and management burden they may not be equipped to take on.

Managed Service provides critical support and administration, as well as ongoing optimization across the platform to ensure it is delivering maximum value. Managed Service also offers access to expertise in the fast-changing data technology environment, helping enterprises stay abreast of changes in their existing platforms along with technology advances that could improve performance or address a new or existing need.

Why this Solution?

DAS42 has unmatched expertise with the Snowflake Data Cloud, and years of experience optimizing the Snowflake experience for clients. Its Managed Service program makes the Snowflake experience even better, ensuring smooth operation and painless management for any enterprise.

Managed Service implementation begins with in-depth discovery, identifying client business needs and goals as well as any pain points experienced with Snowflake. DAS42 experts utilize proprietary tools to audit a company's Snowflake instance to ensure alignment with best practices in security, warehouse utilization and monitoring, data modeling, and storage. This discovery phase culminates in a detailed plan for achieving goals with Snowflake's Data Cloud.

Through ongoing monitoring of Snowflake usage, clients are proactively alerted to long-running, inefficient, and costly queries, and receive monthly and quarterly performance and usage reviews to ensure best practices continue to be followed.

DAS42 solutions architects and field engineers also provide consultative services in data modeling and architecture to accelerate new use-case implementation, shorten the time to value, and system performance tuning recommendations to manage changing warehouse workloads. The team also monitors pending Snowflake changes and their potential business impact to ensure workloads continue without interruption.

DAS42 | snowflake

Management and optimization of a user's Snowflake experience includes support and administration and ongoing optimization of technologies across the Snowflake-based platform.

DAS42 has deep end-to-end data platform expertise, ensuring every technology employed works together seamlessly to deliver the full power of the Snowflake Data Cloud. In addition to managing and optimizing an enterprise's Snowflake instance, DAS42 offers Managed Service expertise covering robust data pipelines based on industry standard Airflow technology, Fivetran's ETL technology for streaming data into Snowflake, and self-service business intelligence data visualization and analysis technologies.

DAS42 Managed Services for Snowflake

- Implementation of best practices
- Proactive usage monitoring
- Recommendations on cost optimization
- Advisory on connecting Snowflake with your data stack
- Data modeling and architecture consultation and recommendations
- Service desk
- Role management and administration
- Optional training
- Optional code review and development

Case Study

Engage3 is a data-driven innovator providing its retailer clients with a next-generation pricing solution. The company's AI-assisted, attribute-based, and data science-driven solution provides accurate, granular competitive data (30 billion product pricing records collected annually in the US and Canada) and like-item-linking visibility.

A longtime Snowflake client, they wanted DAS42 to help manage their Snowflake solution to improve efficiency and reduce costs. As a Snowflake Elite Services Partner, DAS42 is uniquely positioned to help organizations get the most out of their Snowflake experience.

The Solution

The DAS42 Managed Service solution involved contracting directly with Snowflake and managing the technology on Engage3's behalf with the explicit mandate to reduce costs.

DAS42 experts started by conducting an audit of the company's Snowflake setup and how they were using the system. The recommendations resulting from the review identified opportunities to declutter the data environment and improve efficiency. In particular, the recommendations focused on their need to speed up responses to data queries. DAS42 consultants reviewed their queries and recommended changes to the code to make the system more efficient.

Management of their Snowflake environment included implementation of DAS42 recommendations as well as ongoing issue tracking and responding to support requests.

DAS42's Managed Service work resulted in greater efficiency and faster responses to data queries. It also successfully delivered on the primary mandate of reducing their spending on Snowflake: in the first month, their month-to-month costs declined by 6.5 percent.

Business Outcomes

- **Month-to-month Snowflake costs declined by 6.5 percent in the first month.**
- **Consolidation of data queries simplified an overly complex query system.**
- **Response time to data queries was significantly reduced.**

Want to Learn More?

Find out how DAS42 can enhance your Snowflake experience with its Managed Service solution. Contact DAS42 to talk about customized support and administration and ongoing optimization for the technologies across your Snowflake-based data platform.

About

DAS42 provides cloud-based data analytics consulting to help executives and managers reduce the time to actionable insights and empower them to make better decisions, faster.

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