Optimizing Snowflake with Snowpark for Python

Snowflake's Snowpark innovation gives developers a simple and efficient way to program data in their language of choice. It enables teams with different skill sets to collaborate and work on the same data within Snowflake, processing data faster and more easily while making data security and governance a top priority.

Snowpark for Python

Snowflake launched Snowpark for Python in 2022, bringing the world's most popular programming language into Snowpark along with Java and Scala. Now programmers can use Python, Java, or Scala with familiar DataFrame and custom function support to build powerful and efficient pipelines, machine learning workflows, and data applications. Snowpark for Python helps optimize the Snowflake Data Cloud experience by enhancing performance, ease of use, governance, and security.

Why Is it a Game Changer?

Snowpark for Python unlocks new opportunities for DAS42 to deliver the full power of Snowflake.

Collaboration

We can collaborate with your teams on the same single copy of your data, while Snowpark natively supports everyone's programming language of choice. Snowpark for Python means we can write code in your Integrated Development Environment of choice and execute data processing in Snowflake with pushdown capabilities, all while minimizing the complexity of having to manage additional environments to run non-SQL data pipelines.

High Performance, Low Maintenance

We can build scalable, optimized pipelines, apps, and ML workflows with superior price/performance and near-zero maintenance, powered by Snowflake's elastic performance engine. Snowpark for Python enables efficient data processing and supports near-unlimited users and workloads with tailored transformation needs. It also speeds up Python-based workflows with seamless access to open source packages and package manager via Anaconda Integration.

Enhanced Governance and Security

Snowpark allows you to easily enforce consistent governance and security policies from a single platform. You can manage libraries with full governance control while preventing unwanted network access, and eliminate data redundancy across different systems and services with Snowflake's Secure Data Sharing.

DAS42+Snowflake

We've been an official Snowflake Partner since 2018 and were named an Elite Service Partner – Snowflake's highest partner status – in 2020. In 2022, we were named Snowflake Americas Innovation Partner of the Year.

Snowflake is one of the best-in-class tools we rely on to make sure our clients can fully leverage their data to understand and improve their business, reduce the time to actionable insights, and make better decisions faster.

Our consultants bring outstanding capabilities and expertise to our data analytics work, with deep expertise in Snowflake technology and broad experience creating data platforms that bring the power of the Snowflake Data Cloud to enterprises across a range of industries.

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