

# Optimizing GIS Ecosystems: A Strategic Databricks Integration for Enhanced Performance



## Challenge

A global organization needed guidance in the initial stages of implementing Databricks within their Geographic Information System (GIS) ecosystem. They required a strategic setup to ensure best practices for data management, scalability, and performance.

## Solution

We provided expert support in evaluating and setting up Databricks environment, aligning them with industry best practices. This included configuring the architecture to meet the specific needs of the GIS ecosystem and ensuring optimal performance for data processing and analysis.

## Impact

- > **Streamlined Setup:** Accelerated the deployment of Databricks, ensuring a solid foundation for future GIS projects.
- > **Best Practices Integration:** Ensured alignment with Databricks best practices, enhancing the security, scalability, and efficiency of the GIS ecosystem.
- > **Improved Data Management:** Enabled more efficient handling of spatial data, driving better insights and decision-making across the organization.

## About Straive

Straive is a market-leading content technology enterprise that provides data services, subject matter expertise (SME), and technology solutions to multiple domains, such as research content, eLearning/EdTech, and data/information providers. With a client base scoping 30 countries worldwide, Straive's multi-geographical resource pool is strategically located in seven countries - the Philippines, India, the United States, Nicaragua, Vietnam, the United Kingdom, and Singapore, where the company is headquartered.