



# Data Management Offerings for the BFSI Industry

## Unlocking the Power of Data to Drive Success

The BFSI (Banking, Financial Services, and Insurance) industry grapples with myriad data management challenges - right from data security and compliance to data governance and reporting. Additionally, the BFSI industry contends with the proliferation of unstructured data sources - from social media to transaction logs, necessitating robust data integration and analytics capabilities. In an era of rapid technological advancements, staying competitive demands effective data management strategies to harness the potential of data, while mitigating associated risks.

GS Lab | GAVS addresses BFSI challenges by focusing on data security, harmonization, and AI/ML-driven automation. We ensure data protection, break down silos for unified customer insights, and leverage automation for efficient operations and risk management, enabling BFSI organizations to navigate industry challenges effectively.

# Data Management and Data Science Services

## Data Security, Privacy, Masking

Centralized Security Platform  
Encryption, Masking  
Discovery, Classification  
Data Loss Prevention (DLP)

## Data Governance

Data Discovery, Data Lineage  
Meta Data Management  
Data Quality, Information Scorecard  
Compliance, Regulation

## Data Engineering

Data Modernization  
Data Lake, Warehouse, Lakehouse  
Data Analytics, Visualization  
Data Democratization

## Data Driven Insights

Streaming Analytics using Vector Database  
Summarization, Business Reporting  
Data Mining  
AI/ML Solutions

# Data Management Acceleration through Platforms

## Data Protection Solution

Our data protection solution empowers organizations to use data in a secure, compliant, and responsible way. Businesses can apply governance enforcement for cloud analytics, Direct Database tools and applications, making sure that the right data gets into the right hands - safer and faster.

### Key Features

- Sensitive Data De-identification
- User Behavior Analytics
- Monitoring, Auditing
- Attribute Based Access Control (ABAC)
- Encryption, Dynamic Masking
- Soft/Hard Deletion

## Unstructured Data Extraction, Aggregation, Automation Solution

Our Unstructured Data Extraction, Aggregation, and Automation Solution is designed to streamline the complex process of handling unstructured data. Leveraging advanced algorithms and natural language processing, it extracts valuable insights from diverse data sources. By automating the extraction and aggregation of this unstructured data, organizations can enhance decision making, reduce manual effort, and gain a competitive edge in today's data-driven landscape.

### Key Features

- Centralized Knowledge
- Multimodal Data Processing
- Data Enrichment
- AI Powered Workflows
- Intelligent Governance
- Intelligent Search

## Vector Database and Time Series Analytics Solution

Designed to supercharge vector data driven tasks, this solution is tailored for high-performance data, analytic, AI/ML, and GenAI applications. It significantly boosts the capabilities of AI and ML tools within cloud environments, data warehouses, and data lakes, enabling quicker and more efficient decision-making processes. By leveraging a data timehouse, it accelerates data processing, analytics, and generative AI pipelines, delivering cost savings, enhanced speed, and improved overall efficiency.

### Key Features

- Rich Analytics on Real-time, Streaming, Historical Data
- Low Latency Technology Stack
- Vertical and Horizontal Scalability



GS Lab | GAVS is a global technology company focused on creating business impact for its 200+ customers across the USA, Europe, the Middle East, and APAC. It offers digital product engineering, AI-led managed services, and digital transformation services to customers across BFSI, healthcare, communications, and high-tech segments. With 4000+ technologists and a strong talent grooming engine, it is a trusted growth partner to its customers.

The company focuses on deep tech engineering skills, innovative win-win business models, and customer success. Its IPs, such as ZIF, zIrrus, Rhodium, and zDesk, help accelerate technology adoption and reduce inefficiencies in operations. For more information on how GS Lab | GAVS can help solve your business problems, write to [inquiry@gavstech.com](mailto:inquiry@gavstech.com) or visit us at [www.gavstech.com](http://www.gavstech.com)