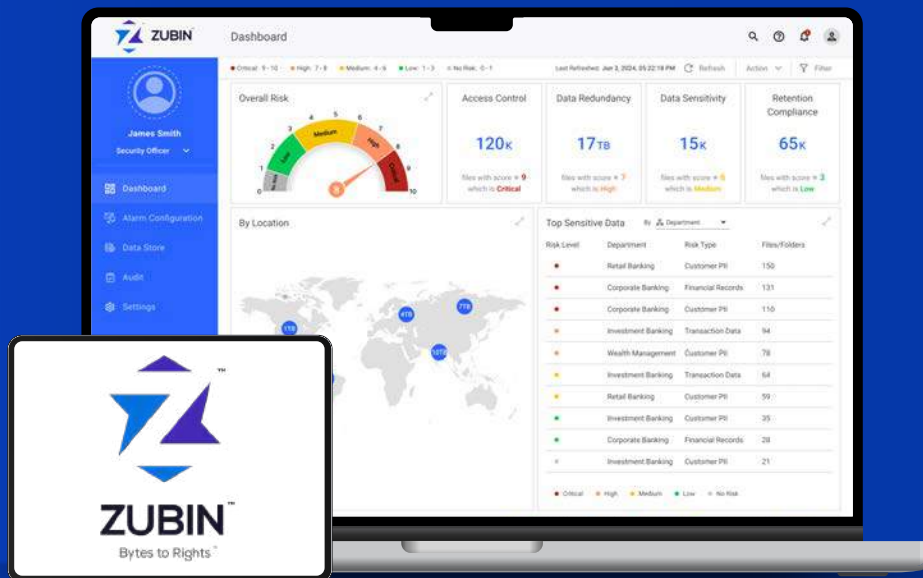# Data Governance & Compliance

Zubin: AI-powered, self-service data management software

Data governance shouldn't be a black box.

70% of organizations will leverage data analytics to proactively identify and mitigate compliance risks before they escalate into bigger issues.

That's where Zubin comes in.

Zubin is Data Dynamics' AI-powered self-service data management software, bringing a fresh approach to privacy, security, compliance, governance and optimization in the world of AI-led workloads. It empowers enterprises by enabling users across all levels - from C-suite to data owners - to discover, define, act, transform, and audit data through a user-friendly interface. Zubin brings correlation, consistency and standardization across your organization by delivering granular insights, deriving recommended workflows, and automating actions using personalized policies and RBAC-driven processes. This transformation fosters a culture of data ownership, where everyone becomes a data champion, and the organization fulfills its responsibility as a data custodian.

Data Observability and Root Cause Analysis

40% of data governance fails due to poor data visibility.

Zubin uses content analytics powered by a Data Science Engine, AI/ML, and NLP for business-sensitive and PII/PHI data discovery and classification. This enables real-time anomaly detection and facilitates root cause analysis for data quality issues. By proactively identifying and addressing these issues, Zubin ensures data accuracy and reliability for downstream analytics.

RBAC Driven Process & Controls

80% of breaches involve misused credentials.

Zubin enforces data governance policies and compliance through Role-Based Access Control (RBAC) and automated processes. RBAC restricts data access based on user roles and permissions. Additionally, Zubin automates tasks like data re-permissioning, ensuring data access adheres to evolving policies and regulations.

Data Usage & Traceability

73% of businesses lack visibility into data usage, leading to vulnerabilities.

Zubin maintains a centralized data index that tracks all data usage activities. The software utilizes metadata discovery for data lifecycle management and usage pattern analysis and supports data relevance assessment, retention, and disposal policies. This provides complete transparency for regulatory compliance with measures like GDPR and CCPA. By having a clear audit trail, organizations can demonstrate responsible data handling practices.

Policy-based Data Governance Framework and Insight

74% of businesses struggle to translate data governance policies into action.

Zubin offers a self-service interface for defining and enforcing data governance policies. This interface supports policy versioning, allowing organizations to adapt their policies as needed. Furthermore, Zubin personalizes data workflows based on predefined corporate guardrails, ensuring data handling adheres to internal best practices.
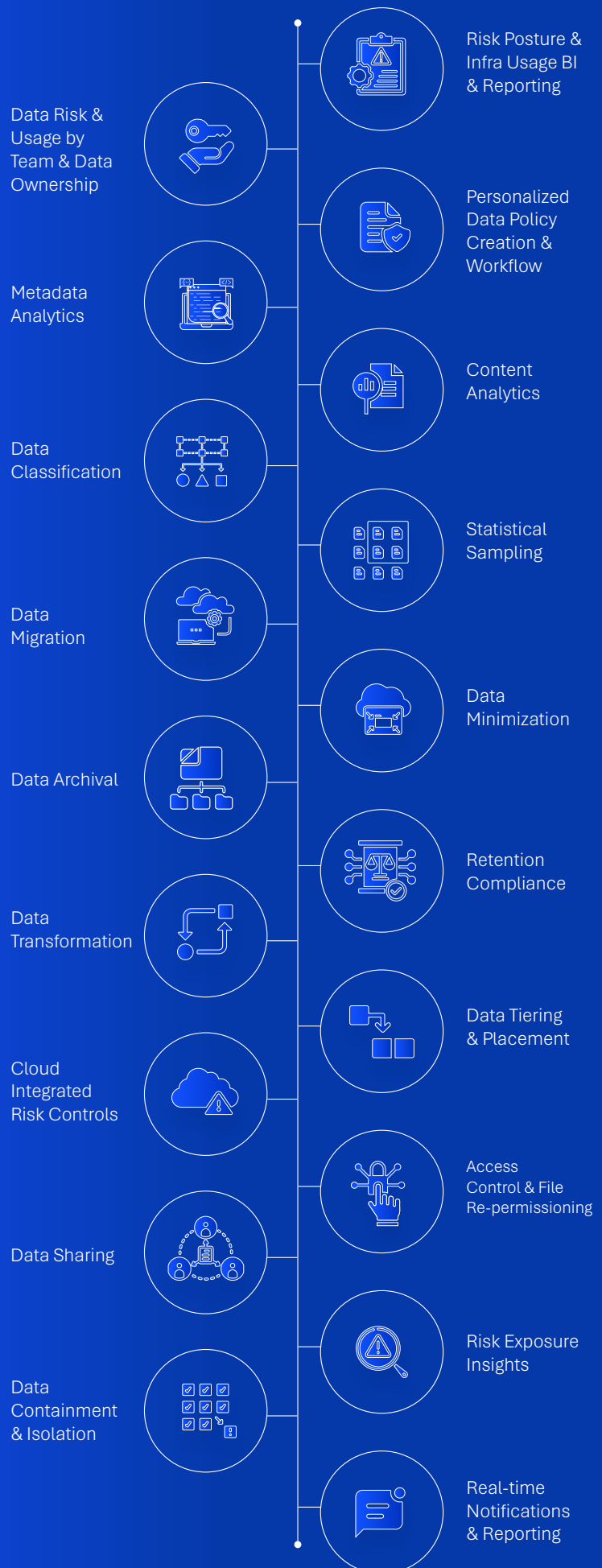
Click here for a demo

Foundations for Robust Governance and Scalability

- **Centralized Access Control with RBAC (Role-Based Access Control):** Enforces RBAC through a centralized authorization server. This aligns with compliance mandates for user access control and minimizes the risk of unauthorized access, ensuring clear accountability.

- **Automated Management and Scalability with Data Discovery and Remediation:** Uses container orchestration and data discovery to streamline compliance. Automated management ensures consistent enforcement of security policies, while data discovery helps identify and remediate potential compliance risks across various data storage systems.

- **Comprehensive Data Security with Encryption at Rest and in Transit:** Utilizes multi-layered encryption for data at rest and in transit, along with industry-standard algorithms. This addresses compliance requirements for data security and demonstrates a commitment to protecting sensitive information.

- **Unstructured Data Processing and Threat Detection:** Incorporates a hub-and-spoke architecture, leveraging a single central Zubin instance with scalable UDE (execution engines) to provide performance at scale. This includes metadata & content processing and analysis of unstructured data of over 250+ diverse data formats within emails, multimedia, presentations, and various document types, allowing users to analyze diverse data formats for valuable insights.

- **Always Available and Ready to Recover with High Availability and Disaster Recovery:** Data replication and failover mechanisms ensure continuous data access and minimize downtime during outages. This translates to business continuity and adherence to compliance regulations that require data availability and disaster preparedness.

A Closer Look at What Makes Zubin Stand Out

- Data Risk & Usage by Team & Data Ownership
- Metadata Analytics
- Data Classification
- Data Migration
- Data Archival
- Data Transformation
- Cloud Integrated Risk Controls
- Data Sharing
- Data Containment & Isolation

- Risk Posture & Infra Usage BI & Reporting
- Personalized Data Policy Creation & Workflow
- Content Analytics
- Statistical Sampling
- Data Minimization
- Retention Compliance
- Data Tiering & Placement
- Access Control & File Re-permissioning
- Risk Exposure Insights
- Real-time Notifications & Reporting

Click here for a demo

What's in it for you?

Proactive Breach Prevention, Millions Saved

Data breaches are a rising threat, costing companies an average of $4.35 million in 2023 (IBM). Zubin identifies and addresses data security risks proactively, significantly improving your overall security posture and saving you millions.

Responsible AI Development Fueling Trust and Transparency

80% of AI projects struggle with data prep. Zubin simplifies data preparation tasks for AI projects by consolidating and harmonizing data from various sources. Data owners and data scientists can clean, transform, and structure data efficiently, allowing them to focus on model development and analysis rather than spending extensive time on data preparation.

Reduce Insider Threats with Data Stewardship

A well-defined data ownership model leads to a 15% increase in user accountability for data security (IDC). Data democratization is key, but it can introduce security risks. Zubin empowers users with clear guidance on data practices based on your corporate policies. This fosters data ownership and accountability, minimizing insider threats and breaches. Zubin helps you balance data access and security for a data-driven workforce without compromising compliance.

Granular Governance for Complete Control

Gartner predicts that 60% of organizations will have data governance strategies by 2025. Zubin's detailed reporting empowers you to refine data governance across functions and individuals. Continuously monitor data access practices and identify potential vulnerabilities before they become threats.

Empower Users, Boost Satisfaction by 22%

The Information Governance Institute found a 22% increase in employee satisfaction with data security practices for organizations with user-friendly data management tools. Zubin's self-service features empower your users to manage access controls and gain insights into data usage, fostering a culture of data security and ownership within your organization.
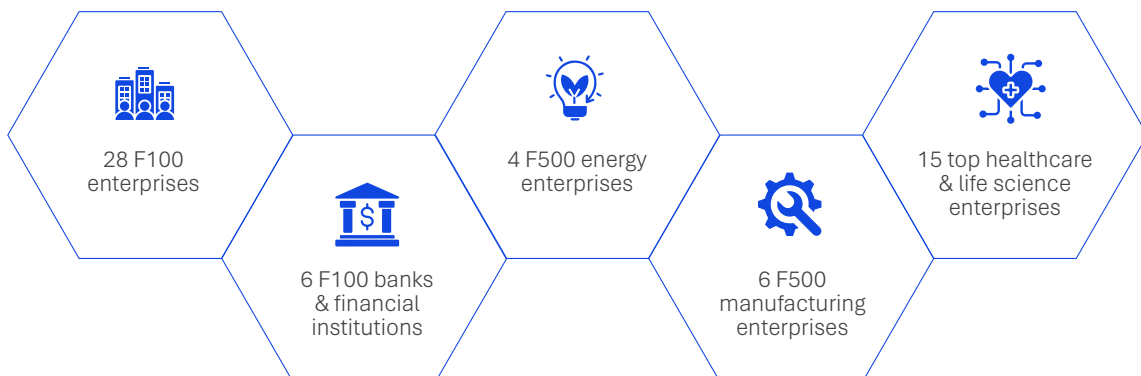
Click here for a demo

ZUBIN
Bytes to Rights

"Zubin is a one-of-a-kind software that can turn data governance from a cost center to a strategic advantage. What I find extremely valuable is its ability to empower every employee with data insights, driving innovation and trust."

CIO, F100 Banking Enterprise

Trusted by 300+ organizations

- 28 F100 enterprises
- 6 F100 banks & financial institutions
- 4 F500 energy enterprises
- 6 F500 manufacturing enterprises
- 15 top healthcare & life science enterprises

Your next chapter of success awaits; let's write it together with Zubin.

Click here for a demo