



EntitleAI – Data Access Control & Governance

Background

Data access control is a critical component of data governance, ensuring that information is shared securely and in compliance with contractual agreements. EntitleAI was developed to automate and enforce data access rules based on specific contract terms set by data providers and consumers. By providing a streamlined interface, administrators can configure and manage access terms, reducing manual intervention and human error. The solution integrates directly with Snowflake to enforce these rules efficiently and aligns with governance policies.

Key Challenges

Complex Contract Management, as data providers and consumers needed a reliable system to configure and enforce contract-based access terms. Manual Policy Enforcement to ensure compliance requires significant manual effort, leading to inconsistencies and risks. Governance and Compliance Risks, wherein the organizations needed an automated approach to monitor and enforce governance policies effectively. Solution integration with existing systems to work

seamlessly within the Snowflake environment while maintaining compatibility with other governance and monitoring tools.

Our Solution

Automated Policy Enforcement that translates contract terms into enforceable access policies within Snowflake, minimizing human error and ensuring compliance. User-friendly administration panel with a dashboard that allows administrators to define, update, and manage data access rules effortlessly. Real-Time Governance monitoring system that continuously tracks query execution and user access logs, ensuring policies are followed. Seamless Integration with Snowflake to ensure that governance policies are embedded directly within the data environment, optimizing security and compliance. Actionable Insights and Alerts are integrated on a platform that provides real-time notifications and insights into data usage, helping organizations take timely corrective actions.

Tech Stack

Data Platform: Snowflake

Governance & Compliance: ServiceNow, Governance Policies

Analytics & Visualization: Tableau

Value Delivered

Ensured governance policies were consistently applied, reducing unauthorized access risks.

Provided transparent and detailed records of all user actions, aiding in regulatory compliance.

Enabled organizations to analyze data access patterns and optimize resource allocation.

Administrators could act swiftly in response to policy violations, reducing security risks.