

How Microsoft Azure Purview & Immuta Enable Modern Data Access

One of the most significant benefits of migrating data to the cloud is the ability to provide value from data at scale using native cloud technologies. With this benefit, however, comes the necessity to ensure policies are consistently created, enforced, and managed across this data in order to keep access secure and compliant.

The Immuta Data Security Platform integrates with Microsoft Azure Purview to satisfy this need, so you can reap the benefits of cloud data technologies without compromising security.

Key Challenges

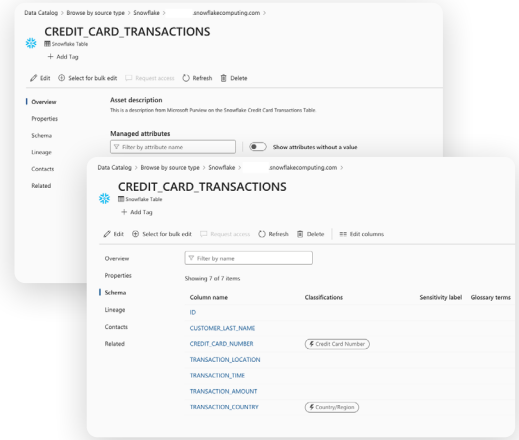
1. What data is contained in all the databases available in our cloud platform?
2. Is the data in these platforms accurate, trustworthy, and complete?
3. Who should have access to this data and why?
4. Who is responsible for the data being used?
5. How can we audit and ensure the data is being used appropriately?

How Purview & Immuta Solve Cloud Security Challenges

Purview enables organizations to classify a wide range of cloud data stores, which is crucial for ensuring appropriate access to these systems. Organizations rely on complete classification metadata so that business users can understand what they can use data for and how they can use it.

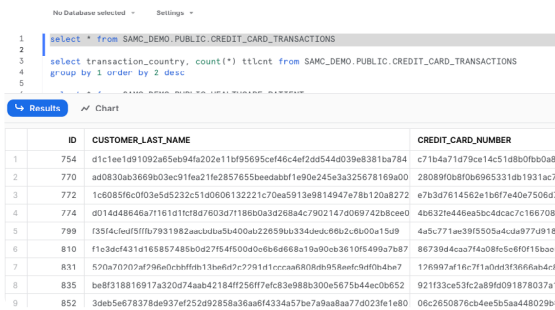
Immuta empowers organizations to write data security policies in plain language, facilitating collaboration between data engineers, business analysts, and security professionals. This flexibility makes it easy to quickly determine where policy should be created and enforced, write it in an easy-to-understand way, and ensure data is accessed appropriately. Immuta policies can be created off of tagging found in Purview, which provides a seamless experience from the classification done by a steward, to the actual enforcement of policy controls. With Immuta's attribute-based access control, policies are dynamically applied at query runtime, eliminating the need for manual approval processes that bottleneck data access.

Immuta integrates with Purview to enable organizations to quickly grant access and secure the data in their cloud platforms. Defining a standard for accessing data, centralizing policy management, and dynamically enforcing policy dramatically reduces the risk of putting all organizational data in cloud warehouses, without impacting performance.

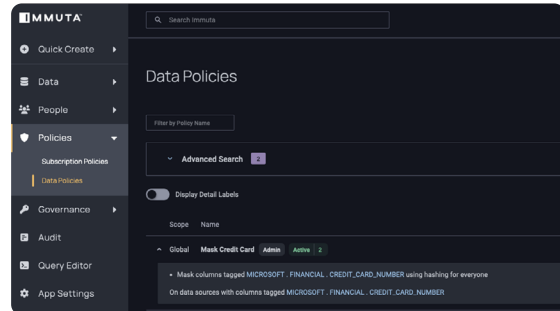


Complex & manual → Simple & Automated

Masking policy example



Policy Builder in Immuta



Benefits of Purview + Immuta

Increase cloud platform ROI by enabling trusted, secure, and faster data access.

Securely promote visibility of what data is available across the enterprise.

Save money by facilitating a distributed approach to governance and security.

Creating a standard approach to data security and access control enables organizations to adapt to change and move quickly. At the same time, it decreases the maintenance burden of engineering teams and allows organizations to understand how and why people access data. With Immuta, data teams can decrease policy management burden by 93x, providing greater control of your data without additional overhead.

