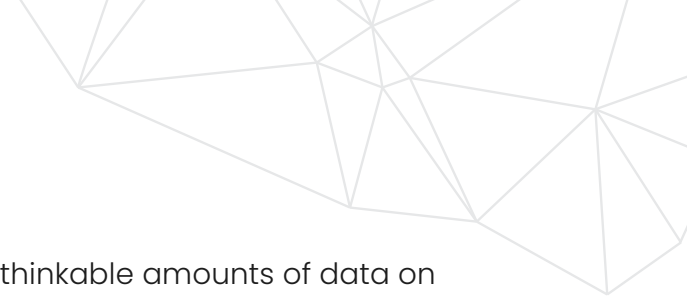


# High-Speed Analytics on Strategy at Any Scale





Conduct multidimensional analytics on previously unthinkable amounts of data on Strategy and gain insights faster than ever before. Kyvos eliminates in-memory limitations, enabling lightning-fast, price-performant analytics on 100% of data.

Organizations can scale their Strategy platform to meet growing analytical needs while keeping costs under control.

Kyvos' AI-powered smart aggregation technology consolidates extremely large datasets into a single Kyvos data model, unlike multiple data models in Strategy, providing a unified view of all enterprise data.

## Kyvos + Strategy

Kyvos builds smart aggregates on billions of data points to meet the growing analytics needs of the enterprise. Analyze years of data, scale for thousands of users, or add as many dimensions and measures as needed in the reports without any impact on performance.

### Leverage the power of your data

**200x**  
Faster BI & AI

**∞**  
Scalability

**10k+**  
KPIs Per Model

**>50%**  
Reduced Cloud Cost

# Benefits

The combined power of Strategy's powerful visualization and Kyvos' expertise in handling massive data helps enterprises scale analytics and transform their business with faster and deeper insights.



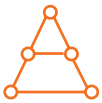
## Accelerate Time-to-Insight

Eliminate performance challenges associated with analyzing billion-scale datasets and get sub-second responses for both warm and cold queries.



## Democratize Analytics on the Cloud

Standardize and centralize data logic in one place. Create a unified view of enterprise metrics and let business users interact with data using any tool



## Eliminate Analytical Complexity

Build optimized data models in minutes with our intuitive, code-free designer and eliminate time-consuming data engineering efforts.



## No Resource Overload

Without any in-memory limitations, Kyvos supports elastic deployments that help optimize resource utilization.



## Fine-Grained Access Control

Ensure that users see data as per their authorization with our multi-layer security model, including row and column-level access control.



# The Kyvos Advantage

## Lightning-Fast Performance

Keep pace with growing data and expanding enterprise. Kyvos delivers hyper-speed responses to all queries without any performance degradation, push-downs to expensive data warehouses or vendor lock-in.

- 200x faster performance on all BI tools, LLM tools and LangChain SQL Toolkit plugins.
- AI-powered smart aggregation and ML-driven smart recommendations.
- Self-tuning caching with no in-memory constraints.
- GPU enabled to accelerate AI initiatives.

## Unparalleled Scale

Get analytics on 100% of data, from as many years as needed and for thousands of concurrent users. Kyvos' AI and ML capabilities create massively scalable data models for both structured and unstructured data.

- Infinite scale for all BI and AI initiatives.
- Unified view of enterprise.
- Connects with any data source for on-cloud or on-premises data blending.
- High-performance and scalable vector DB.

## Cost Reduction Over Popular Platforms

Cut the spending on cloud data warehouses that charge based on queries. Kyvos creates price-performant models that let enterprises process as much data as they want while delivering predictable analytics costs and massive savings.

- >50% reduced cost on data platforms.
- Smart and intelligent cache for controlled costs.
- Elastic licensing for on-premises, on-cloud or as managed services.
- Horizontal scaling for extra savings.

## Tool-Agnostic Connectivity

Bring all BI tools and AI apps on one common platform. With state-of-the-art connectivity, get extreme performance on all BI tools and fast, trusted data for AI initiatives.

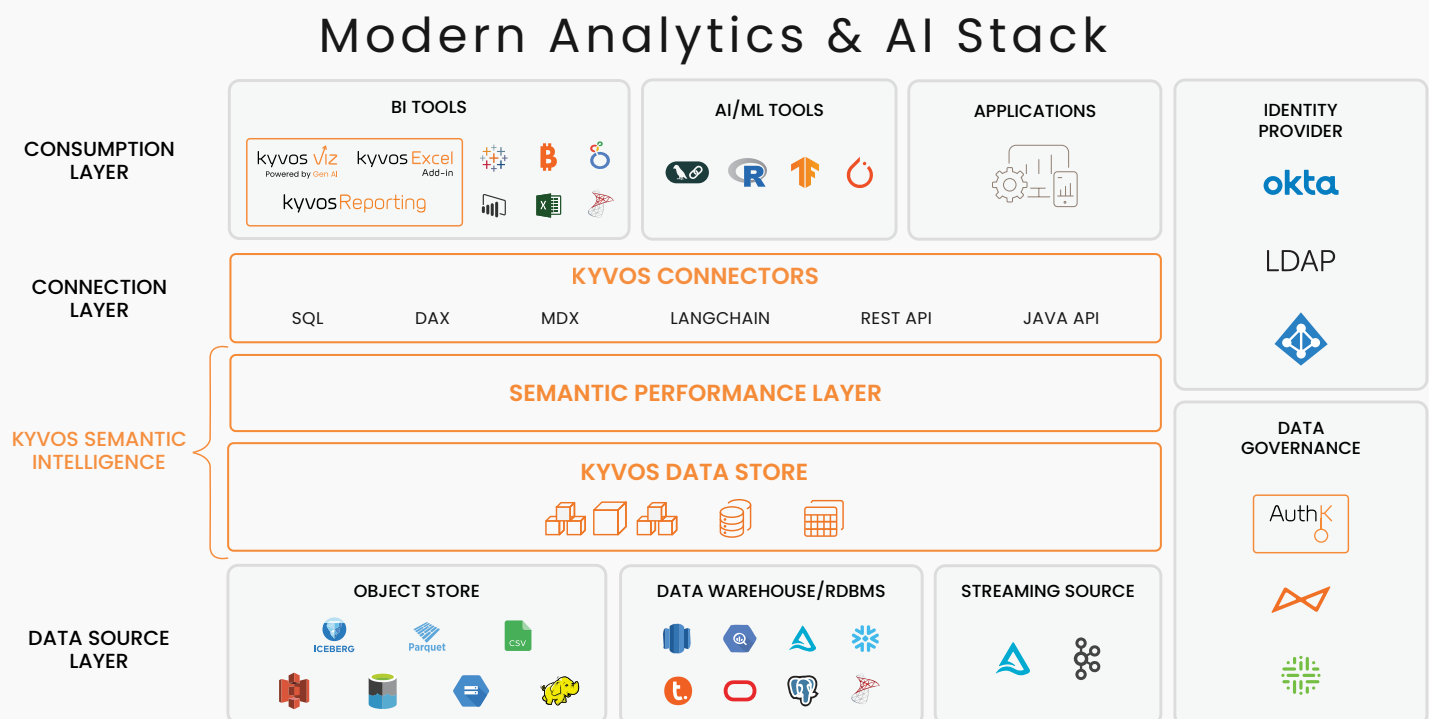
- Named connectors for Power BI, Tableau and Strategy.
- Best-in-class connectivity with Excel via MDX connector.
- Spark SQL or SSAS connectors for other BI tools.
- LangChain for context enrichment of LLMs and Gen AI apps.

## Ultra-Wide and Deep Data Models

Map real-world business KPIs into semantically rich data models with advanced hierarchical analysis. Kyvos works smoothly on ultra-wide data models with:

- 10k+ KPIs sliced on 1000+ attributes and 100+ dimensions.
- 25+ levels of drill-down and weighted rollup aggregates.
- Transactional level detailing.

## Kyvos Architecture



# Technical Specifications

## Powerful Data Model

Intuitive drag and drop UI for data modeling.  
ML-powered smart recommendation engine to build intelligent aggregates automatically.  
Support for recursive, unbalanced, ragged and alternate hierarchies, as well as custom rollups.  
Accurate distinct count on billions of transactions. Provision for many-to-many relationships.  
Scheduled and automated incremental builds. Sliding window for automated data truncation during builds.  
Data model modifications without the need to rebuild.

## Data Platforms

Native support for all cloud platforms including AWS, Microsoft Azure and Google Cloud Platform.  
Support for cloud data warehouses such as Snowflake, Redshift, BigQuery, Teradata, Oracle RDS, Databricks' Delta Lake and Hive  
Support for the latest releases of Cloudera.

## BI and Data Science Tools

Support for all BI tools such as Tableau, Strategy, SSRS, Excel, XLCubed, Looker and Power BI and data science engines like R and Python  
Open API and Library Connectivity using DAX, SQL or MDX, JAVA and REST APIs or existing libraries like OLAP4j or Python's OLAP.XMLA.  
Plugin for Excel with advanced visualization capabilities.  
Custom connectors for Tableau and Strategy.

## Kyvos Visualization Tool

Native visualization layer with an intuitive drag-and-drop interface for self-service analytics.  
Extensive library of charts including bar, line, GIS, heat map, treemap and other advanced visualizations.  
Built-in support for cohort analysis on massive datasets.  
Auto-visualization feature automatically chooses correct visualization based on type of data being loaded.  
Ability to create custom visualizations using D3.js.  
Support for export and sharing of worksheets and dashboards for enterprise-wide collaboration.

## Optimized Performance at Massive Scale

Scale-out querying to support multiple groups and users.  
Intelligent multi-level caching based on query patterns/usage.  
Segmentation feature enables dedicated query engines for mission critical functions.  
Querying and drill through on raw data using Presto & Hive.

## Enterprise Security Framework

SOC2 Compliant.  
Row and column level security, role-based access control and personal access token-based authentication.  
AD integration with support for multiple LDAP accounts.  
TLS encryption with mutual authentication for all internal communication.  
SSO through providers such as Okta, SiteMinder using OIDC (OAuth 2.0 protocol).  
Integration with enterprise security protocols like Knox, Ranger, Sentry and Kerberos, as well as custom APIs.  
Azure Key Vault (with AES encryption) and AWS Secrets Manager support for storing sensitive information.

## Easy to Deploy and Manage

Automated wizard and template-based deployment on cloud.  
Built-in validation framework for sanity check on deployment.  
Scheduled autoscaling on cloud for resource optimization.  
No data movement or additional infrastructure needed for storing data models.  
Automatic health monitoring/management of Kyvos components.  
Consolidated dashboard to monitor resource consumption.



## About Kyvos

Kyvos semantic intelligence accelerates all your BI and AI initiatives. The platform's ultra-wide and deep data models deliver lightning-fast analytics at infinite scale, accuracy and maximum savings. It offers high-performance storage for structured or unstructured data and trusted data for AI applications.

The infrastructure-agnostic platform is critical for any modern data or AI stack, whether on-premises or on cloud. Leading enterprises use Kyvos as a universal source for conversational analytics, faster insights, unified access and scalable performance.

To learn more, [request a demo](#) now.

kyvos

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