

MSCI Insights Results Warehouse

Adopt an MSCI-designed and managed database for your portfolio analytics, without the need to build or maintain your own infrastructure



The MSCI Insights Results Warehouse is a purpose-built, cloud-native data layer that captures the full output of MSCI's calculation engines including risk statistics, factor analytics, ESG metrics, performance data and more; and makes it readily accessible for visualization, reporting, limits monitoring and downstream AI applications. Because MSCI designs the warehouse and manages the ETL layer, clients gain this capability without building or maintaining a proprietary database or owning the ongoing enhancements to accommodate new analytics. It is the infrastructure layer that connects MSCI's analytics to the workflows investment teams use every day.

The Data Conundrum

Investment teams have access to ever-increasing data and analytics, yet accessing and acting on that data remains slow and operationally intensive. Risk teams face three persistent barriers:

- Analytics results are trapped in siloed systems, requiring manual extraction and reformatting before they can be used
- Building and maintaining in-house data warehouses demands significant IT investment, time and ongoing resources
- Scaling to new asset classes, portfolios or use cases requires new infrastructure projects rather than configuration changes

These barriers slow decision-making, increase operational risk and prevent risk teams from focusing on higher-value analytical work.

How our Insights Results Warehouse helps

The MSCI Insights Results Warehouse helps address these barriers by providing a ready-to-use, cloud-based storage and delivery layer directly connected to MSCI's calculation engines. Clients gain timely access to curated analytics results without the cost and complexity of building their own data warehouse.

- Pre-built data models in Snowflake for fast, flexible access
- Full breadth of MSCI's Risk and Performance attribution analytics supported in the data model
- MSCI-managed ETL layer between the analytics engines and the Results Warehouse with results stored automatically as produced
- Flexible access via direct query, ODBC connectivity, MSCI AI Portfolio Insights or the MSCI Connector

Key Use Cases



Factor and risk time series analysis:

Access granular time-dimensional risk and performance analytics, including factor risk, VaR and time-series risk, LiquidityMetrics, stress and scenario testing, and performance attribution; across portfolios, enabling trend identification, regime analysis and comparative attribution over time



Limits monitoring:

Integrate timely data access with automated tracking and customizable alerting for risk, exposure and regulatory limits across portfolios



Client reporting:

Deliver consistent, automated and personalized reports from a centralized data source, reducing manual effort and supporting consistency across diverse reporting requirements



Regulatory alignment:

Maintain a structured, auditable and centralized hub for analytics data, supporting clients' governance processes and regulatory reporting efforts



ESG and climate analytics:

Store and access ESG metrics and climate data alongside risk statistics, supporting integrated analysis across sustainability and risk dimensions



AI-powered insights:

Serve as the data foundation for MSCI AI Portfolio Insights, enabling GenAI-driven narratives, factor-lens analysis and interactive chat-based portfolio interrogation

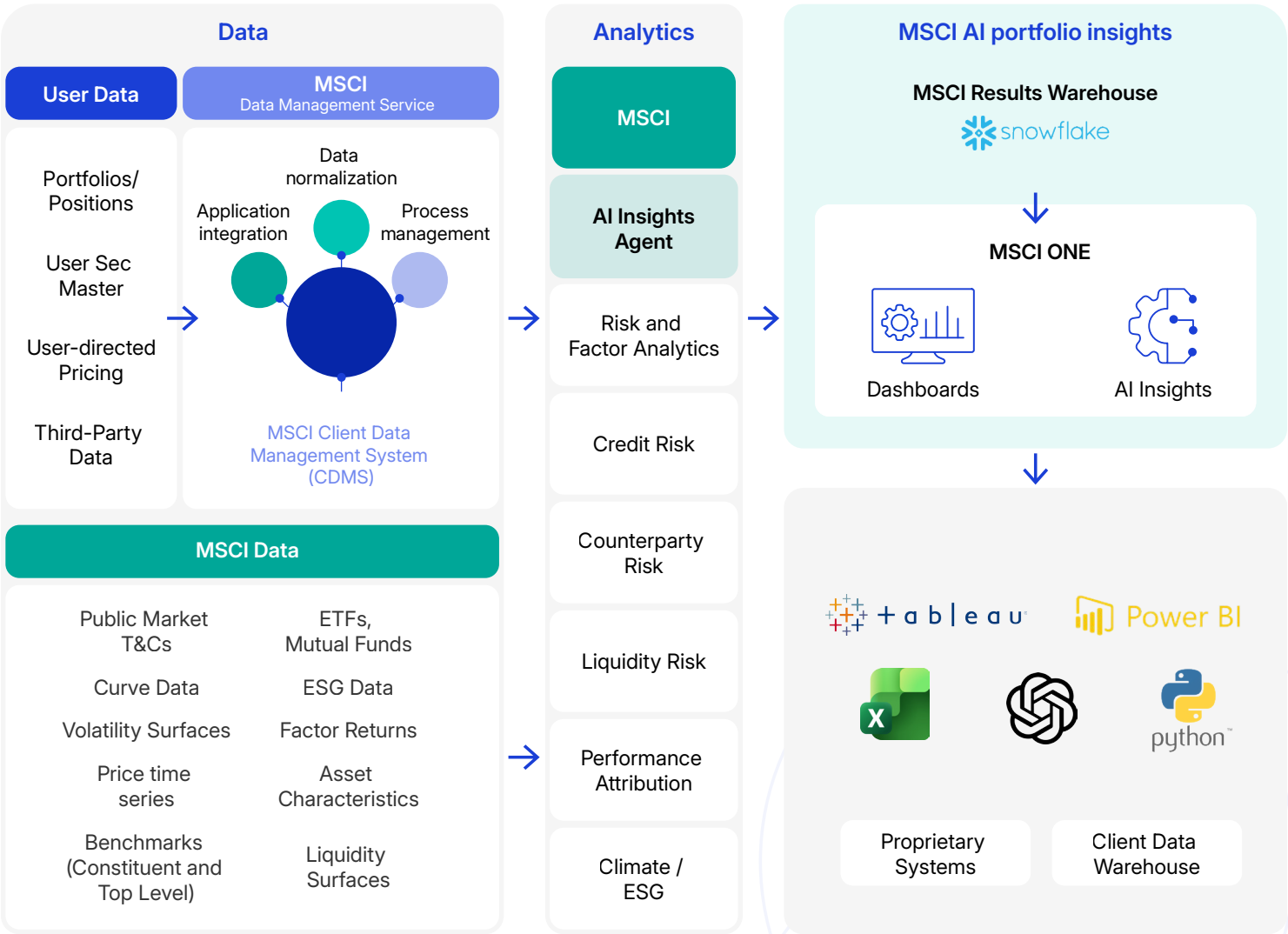
Streamlining Insights to action

The Insights Results Warehouse sits between MSCI's calculation engines, and the tools clients use to consume data. The flow is straightforward:

Calculate:
MSCI's analytics engines process client portfolio data using trusted risk and factor models, producing curated statistics across market risk, factor risk, ESG, performance and liquidity

Store:
Results are automatically written to purpose-built data models in Snowflake, a cloud platform widely adopted across financial services, with governance controls designed to support data quality, consistency and auditability

Access:
Clients retrieve results via their preferred channel i.e., interactive dashboards, API integration into internal systems, direct Snowflake queries, through AI Portfolio Insights' visualization layer in MSCI ONE, or via the MSCI Connector that enables MSCI's data, models and analytics to be called within clients' AI environments without leaving their existing workflow



Key Benefits

- **Faster time to value:**
Reduced implementation time compared with in-house approaches
- **Reduced operational burden:**
No manual extraction, cleaning or warehousing with teams focused on analysis and stakeholders
- **Scalability without IT overhead:**
New analytics, asset classes and content types can be onboarded through streamlined processes, without the need for changes to proprietary databases
- **Cloud-native and Snowflake-ready:**
Built on Snowflake for smooth integration with existing cloud strategies
- **Insights inside your AI workflow:**
Reach MSCI analytics directly from MCP-compatible tools without switching apps or building custom integrations
- **Cost-aligned:**
Designed to reduce total cost of building and maintaining an equivalent in-house data warehouse

Analytics Content Coverage

The Results Warehouse stores and delivers analytics across the following content areas:

- Factor and market risk statistics (BarraOne and RiskManager models)
- Performance attribution and return decomposition
- ESG metrics and climate risk data
- Liquidity risk measures
- Limits and exposure monitoring outputs

Managed Services

For clients who require additional operational support, MSCI offers managed services that complement the Results Warehouse:

- **Data management:** End-to-end handling of portfolio data ingestion, cleaning and normalization from third-party sources including custodians and fund administrators
- **Professional services:** Technical expertise for implementation, integration with internal systems, model validation and operational setup
- **Reporting services:** Flexible reporting frameworks supporting standard, regulatory, ESG, liquidity and customized reporting needs

Interested in understanding more, [contact us](#).

About MSCI

MSCI (NYSE: MSCI Inc.) strengthens global markets by connecting participants across the financial ecosystem with a common language. Our research-based data, analytics and indexes, supported by advanced technology, set standards for global investors and help our clients understand risks and opportunities so they can make better decisions and unlock innovation. We serve asset managers and owners, private-market sponsors and investors, hedge funds, wealth managers, banks, insurers and corporates.

To learn more, please visit www.msci.com.

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