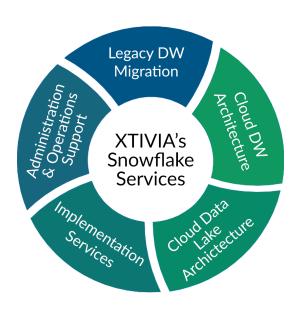




# XTIVIA SNOWFLAKE SERVICE OFFERINGS

Data Engineering on cloud when not done right could impact organizations in many dimensions (cost, data quality, security, availability, usability, scalability, performance). One needs expertise, proven methodology, and a platform that supports agile data engineering without compromising on the functional and non-functional requirements. With decades of experience in enterprise information management and various data platforms, we understood the nuances of Snowflake and its strengths.

However, just like any other platform it is not enough to know how to ingest data into Snowflake and how to query. One needs to have a deeper understanding of the platform utilizing its physical design features for performance and expertise in architecting scalable data engineering solutions minimizing the costs. That is XTIVIA's differentiator.



#### **XTIVIA's Differentiators**

- Experience in migrating to Snowflake
- Expertise in designing for performance and cost optimization
- Experience in multiple cloud platforms
- Expertise updated on the latest Snowflake features
- Experience in multiple design patterns
- Learnings from experience working with other data platforms
- Experience in processing multiple data formats
- Experience in DataOps
- Review and recommend disaster recovery configuration
- Expertise in multiple ETL and BI tools

Migrating to Snowflake: XTIVIA has assisted several clients with strategy and roadmap when migrating to Snowflake. We guide and work with our clients in migrating to Snowflake in an agile manner to start realizing the value quicker. We design the target data models, ELTs, and SQLs for performance with minimal storage and compute costs. While we strive to make the data available to end users quicker, we ensure the data is governed properly using the built-in governance features in Snowflake. We use a proven methodology and approach to ensure that current-state and converted data pipelines are fully tested for data and functionality before decommissioning the current-state.





Plan	Architect	Migrate	Decommission
<ul><li>Business Case</li><li>Scope</li><li>Approvals</li><li>Migration Roadmap</li></ul>	Migration Strategy     Prioritization Scheme     Migration Tools     Testing Strategy	DDL     Data     ETL     BI Reporting     Parallel Run & QA     User Acceptance     User Migration	Parallel Run Final QA & Confirmation Turn off Legacy DW

# Snowflake

Data Warehousing in the Cloud Empower your users with centralized data pipelines in the cloud

> Snowflake modernizes Data Warehousing-as-a-Service (DWaaS) with real-time analytics in a unique virtual warehouse. It's simple, yet powerful, three-layer architecture of database storage, query processing, and cloud services with the ability to scale independently.











**SEAMLESSLY CONNECT YOUR ENTERPRISE** 

Snowflake supports all business data and applications with real-time data sharing across your entire organization



UTILIZE ALL DATA **SOURCES** 

Designed to handle data from any source: from traditional on-prem platforms to cross-cloud integrations, the potential is endless

## SCALED DATA & SCALED WORKLOADS

Rapid query processing and automatic multi-clustering allow for minimal downtime, with the capacity to scale workloads

## **EASY IMPLEMENTATION**

Whatever your business infrastructure. Snowflake's diverse and flexible connectivity makes implementation a breeze

## **HANDS-OFF MANAGEMENT**

The architecture lends itself to hands-off management, so you can focus on your company's data, not administration

#### **ABOUT XTIVIA**

XTIVIA is a proven technology integration and innovation company known for delivering leading-edge technology solutions to our clients' specific requirements, regardless of project complexity. We bring next-level business operations to reality through Application Development, Business Intelligence, Data Warehousing, Database Support & Management, Enterprise Information Management, Digital Experience Solutions and Enterprise Resource Planning. Our success stems from a demonstrated ability to deliver deep expertise via professional services, empowering clients to leverage their chosen technology successfully, competitively and profitably. XTIVIA has offices in Colorado, New York, New Jersey, Missouri, Texas, Virginia, and India.