Migrate Teradata to Synapse for Retail & Consumer Goods

Achieve improved data transfer speeds between your CRM and database

Are you ready to revolutionize your data infrastructure? Upgrade to a cutting-edge solution that unlocks the true potential of your data. We specialize in seamless migration from Teradata to Azure Synapse, delivering unparalleled performance, scalability, and cost-efficiency for the retail and consumer goods industry.

WHY CHOOSE AZURE SYNAPSE?

- **Unmatched Performance**: Experience lightning-fast query speeds and real-time analytics with Azure Synapse. Harness the power of massively parallel processing and advanced optimization techniques to derive actionable insights from your vast data volumes.
- **Scalability on Demand**: Stay ahead of the game with a highly scalable platform that grows with your business. Azure Synapse effortlessly handles exponential data growth, ensuring your organization is always equipped to handle increased data volumes, even during peak periods.
- **Cost Optimization**: Say goodbye to excessive infrastructure costs. Azure Synapse offers a flexible pricing model, enabling you to pay only for the resources you need. Scale up or down effortlessly, optimizing costs while maintaining superior performance.
- **Seamless Migration**: Our team of seasoned data engineers specializes in seamless migration from Teradata to Azure Synapse. We take care of the entire migration process, ensuring minimal disruption to your business operations while maximizing data integrity and security.
- **Advanced Analytics**: Azure Synapse empowers your organization with advanced analytics capabilities. Leverage machine learning, artificial intelligence, and cognitive services to gain valuable insights, enhance customer experiences, optimize supply chains, and drive revenue growth.

WHY CHOOSE US?

- **Expertise and Experience**: With years of experience in data engineering, data analysis, and business intelligence, we are well-versed in the intricacies of migrating from Teradata to Azure Synapse. Our skilled professionals ensure a smooth transition, leveraging best practices and industry standards.
- **Tailored Solutions**: We understand that every organization is unique. Our team works closely with you to understand your specific requirements, designing a customized migration plan that aligns with your business goals, timelines, and budget.
- **Data Security and Compliance**: We prioritize data security and compliance. Our robust security measures ensure your data remains protected throughout the migration process and beyond. We adhere to industry-leading standards and regulatory requirements to safeguard your valuable information.

By migrating Teradata to Azure Synapse and replacing the Dataservices (ETL) process with Azure Data Factory, faster data transfer, lowering extraction time, enhancing system reliability, and avoiding storage triggers. It's particularly effective for managing large data feeds and improving efficiency in industries dealing with extensive data processing tasks. By using ADF, we can regroup the Extract & Load Activities/Pipelines. This change will eliminate the usage of storage triggers, making the solution more robust and improving the system's overall reliability.

Our Approach

PREPARATION	MIGRATION	POST-MIGRATION
• Define scope • Build an inventory of data and processes to migrate • Define any data model changes • Set up the Azure target platform	• Start small and simple • Automate where possible • Use Azure built-in tools and features to reduce the migration effort • Migrate metadata for tables and views • Migrate relevant historical data • Migrate or refactor stored procedures and business processes • Migrate or refactor ETL/ELT incremental load processes.	• Monitor and document all stages of the migration process • Use experience gained to build a template for future migrations • Test applications and query tools • Benchmark and optimize query performance