

5 Key Recommendations for Your Next-Gen Cloud Data Architecture

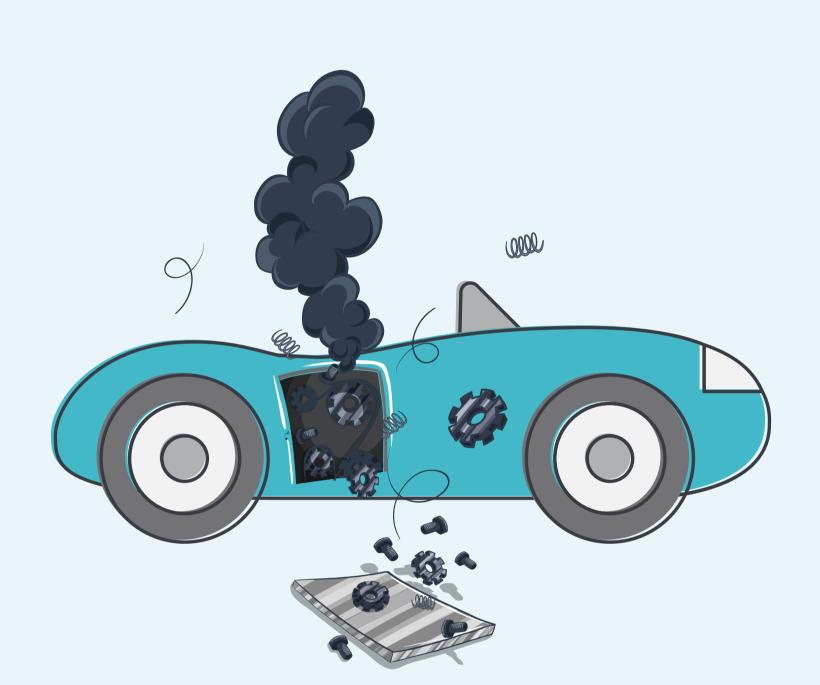


Organizations are migrating their data and application workloads away from on-premises analytics and data warehousing environments to the cloud. Instead of considering the data warehouse and the data lake as independent "data islands" that coexist in a cloud platform, it is time to reconsider the fundamental ways that information is accumulated, managed, and then provisioned to the different downstream data consumers.

Challenges with traditional architectures

80%

IT leaders identified data sprawl as one of the critical problems to address today¹



43%

Data goes largely unleveraged by organizations²

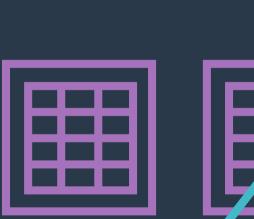
24%

Respondents said that they thought their organization was data-driven this past year³

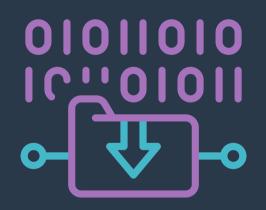
Top recommendations for your cloud data architecture



Break the dependency on traditional data warehouse architectures



Minimize data copies



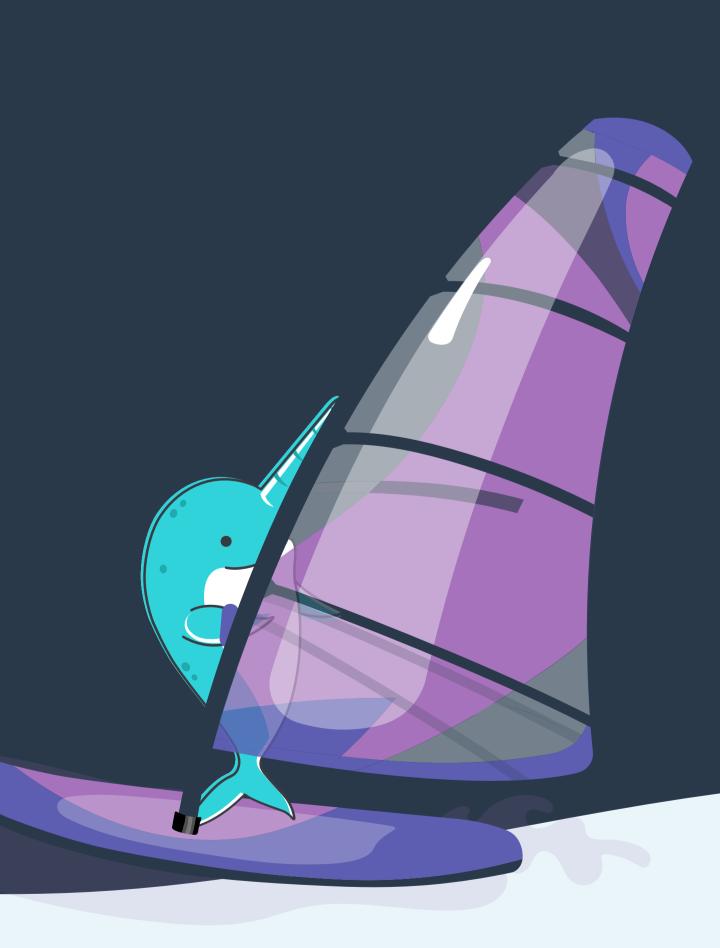
Separate data from compute



Accelerate time to value using a query engine



Support self-service through the use of a semantic layer



To learn more about the next-gen data architecture, read this **TDWI checklist report**.



Dremio is the SQL Lakehouse company. Dremio simplifies data engineering and eliminates the need to copy and move data to data warehouses, providing flexibility and control for data architects and engineers, and self-service for data consumers. Organizations enjoy high-performing dashboards and interactive analytics directly on the data lakehouse, with enterprise-grade security and data governance.