# Smart Offload: Migrate Your Data Warehouse To Cloudera

Scale hundreds of use cases and thousands of users with ease





Data warehousing is the backbone of every data-driven organization, providing mission-critical business intelligence and data-driven insights for decision making. Today, modern data warehousing has evolved to meet the intensive requirements of modern datasets and increased demand for analytics. While the growth in volume, variety, and velocity of data presents new challenges, it also opens up opportunities for a wide variety of high-value use cases. However, traditional data warehouse solutions struggle with scale and performance, and lack the flexibility to analyze all of an organization's data.

#### Why Migrate Your Legacy Data Warehouse?

With an inability to tackle new and changing modern data warehouse use cases, at an unprecedented scale, legacy data warehouses' proprietary technology and expensive cost of ownership has become increasingly hard to justify.

The demands of modern data warehousing spans analysis across all data — those that originate from traditional backend business systems to those that come from sensors at the edge. These ever increasing demands raise several questions:

- How can the data tsunami be managed while shortening the data warehouse lifecycle?
- How can hundreds of new use cases that leverage this data be supported?
- How can organizations cost-effectively and dynamically scale across a choice of environments, spanning the data center and the cloud?

## Why choose Cloudera Professional Services?

- Sizeable Pool of Technical Experts —
  Cloudera's services team is
  composed of over three hundred
  technical experts adept at designing,
  architecting and implementing
  big data solutions, including
  comprehensive migration planning
  and execution.
- Deep and Wide Knowledge
  Base Cloudera has amassed an
  unparalleled knowledge base and
  delivery practices to deliver projects
  faster and more cost effectively.
- Experience Delivering Over 1000
   Big Data Projects Cloudera
   has delivered more than 1000
   projects and brings to bear valuable experience to help lower project risk and achieve success.
- Broad Range of Services Cloudera offers a broad range of services to help at every step of the journey, on all infrastructures, from on-premises to the cloud, and ranging from solution design, to implementation and production readiness.
- Driven By Customer Success —
  Cloudera is driven and measured
  by our customers' success and will
  use every opportunity available to
  achieve their goals and objectives.

#### **Highlights From Successful Migrations**

- A large healthcare organization in the US: Migrated more than 30 TB of data from their legacy data warehouse, onboarded new data sources, unleashed new use cases, and saved more than \$2.5M in license and maintenance costs.
- A global bank in Asia Pacific: An effort that started as a (partial) data warehouse offload turned into a full blown migration — moving both ETL and Bljobs into the Cloudera Data Warehouse. The migration delivered significant savings in operational costs and currently stores more than 2 PB of data.
- A large retailer in Europe: After migration, demand forecasting of orders improved by 3%, vehicle fleet cost savings amounted to several millions of dollars, and the retailer was able to deliver on the promise of predictive analytics from large data sets.

#### Migrating With The Cloudera Data Warehouse Migration Factory

Having migrated several Teradata and other legacy data warehouses to the Cloudera Data Warehouse platform, Cloudera's "Data Warehouse Migration Factory" methodology was built from many successful migrations and provides:

- A customized inquiry session to listen to your specific needs and challenges
- A one-day workshop to discuss the tools and techniques available for migration
- An optimized and detailed plan that understands your opportunities and pain points
- An estimate of the level of effort required to complete your unique migration
- Workshops that align with the details of your migration program, tailored to your organization's specific timelines

The Cloudera Data Warehouse supports the newest data warehouse initiatives that require a modern approach:

- Data Warehouse Optimization Traditional data warehouse infrastructures often lack the ability to cost effectively handle the increase in data volume, number of users, and more advanced analytics use cases needed to drive business insight and value. Optimizing a legacy data warehouse involves partially or fully migrating traditionally difficult workloads (large scale ETL jobs, self-service BI) from the legacy data warehouse to the Cloudera Data Warehouse.
- Operations Data Warehousing Traditional data warehouse infrastructures cannot handle the task of analyzing the large amounts of events and time-series data that is found in machine logs, sensors, and other devices at the edge. The real time analysis of these very large and constantly growing data sets requires a modern approach. The Cloudera Data Warehouse harnesses the power of highly scalable engines designed to work with time-series and events data.
- Discovery Data Warehousing Traditional data warehouse implementations are by their very nature highly structured. So when it comes to analysis on structured together with semistructured and unstructured data, they become unstuck. The Cloudera Data Warehouse is designed to tackle the hard problem of analyzing across textual and relational data. When users need to perform data exploration and experimentation, they can sift through vast amounts of textual data, correlating with relational data, using the powerful query engines provided by the Cloudera Data Warehouse.

#### For More Information

This document does not constitute an offer. For more information about Migration or any other Cloudera Professional Services offering, contact your Cloudera representative.

Learn more at cloudera.com

### **CLOUDERA**

Cloudera, Inc. | 5470 Great America Pkwy, Santa Clara, CA 95054 USA | cloudera.com

Cloudera is the only true hybrid platform for data, analytics, and Al. With 100x more data under management than other cloud-only vendors, Cloudera empowers global enterprises to transform data of all types, on any public or private cloud, into valuable, trusted insights. Our open data lakehouse delivers scalable and secure data management with portable cloud-native analytics, enabling customers to bring GenAl models to their data while maintaining privacy and ensuring responsible, reliable Al deployments. The world's largest brands in financial services, insurance, media, manufacturing, and government rely on Cloudera to be able to use their data to solve the impossible—today and in the future.

To learn more, visit Cloudera.com and follow us on LinkedIn and X.