

BROCHURE

LTIMindtree's Serverless Data Warehousing & Predictive Analytics Framework





Organizations around the globe are embarking on a cloud journey to leapfrog in their AI-led next-generation business transformation strategy. In most leading enterprises, cloud computing has become an integral part of their digital strategy. However, enterprises cannot rely on their legacy systems for all their data analysis and prediction requirements. The ability of an IT team to process and monetize this big data, using legacy systems, is quite limited. Legacy systems have limited network bandwidth, monolithic architecture and non-scalable data models.

Today, the need is to have a complex hybrid architecture, which can give you benefits of both legacy systems and cloud computing. Cloud's pay-as-you-go approach helps you with a more innovative and flexible approach, by just focusing on business decision making rather than the underlying IT infrastructure.

How Industry is sizing up to this challenge?

Depending on the regulatory framework for their industry, enterprises have adopted private, public or hybrid cloud strategy to get the benefits of agility and innovation in storage (IaaS), software (SaaS) and servers (IaaS). However, many organizations, who have embarked on the cloud journey are confounded by the complexity of hybrid architecture i.e. integration on-premise platform with cloud-native applications, modelling of data on cloud, and sizing of the infrastructure.

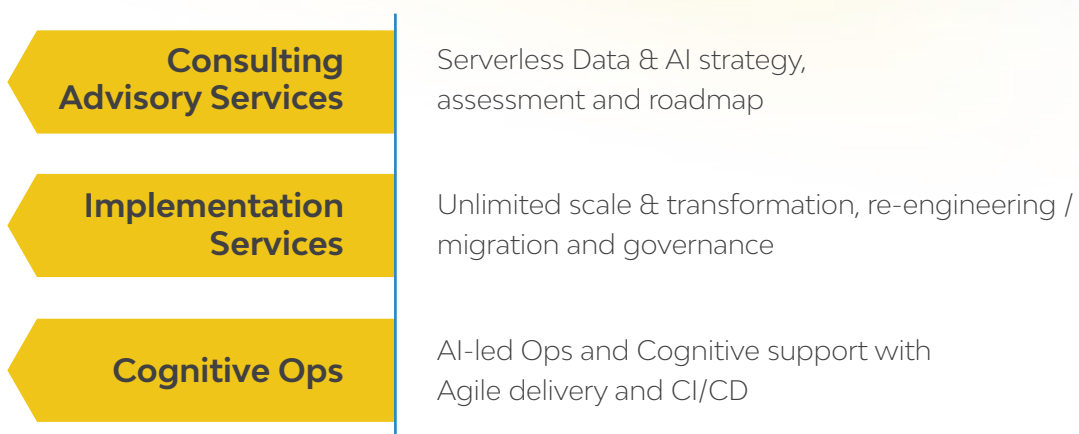
LTIMindtree's Serverless Data Warehouse & AI framework helps you to amplify outcomes

In this progressive yet challenging environment, LTI's Serverless Data Warehousing & Predictive Analytics framework helps organizations accelerate business decision making by navigating through the cloud journey across multiple touch points. The focus is to start by providing domain-specific key insights to maximize cloud journey capabilities by assessing business requirements and technology. This is followed by addressing integration points, building serverless data management process, framing a cloud-native data model, and fostering a collaborative data science workbench.

Enterprises are facing many questions on how to integrate Cloud in their Digital Strategy:

- How will my on-premise and cloud applications interact / integrate?
- What cloud components / vendors should choose in order to accelerate innovation in our organization?
- What is the right migration approach, re-engineer/ AS-IS migration of existing applications to Cloud platform?
- How to devise governance rules on which apps can be moved to cloud first and its related complexity?
- Can I reuse embedded business logic, data model, and related stored procedures of on-premise DWH in Cloud DWH, and if yes, then what is the right approach?

Three Key Essentials of Serverless Data Warehousing & Predictive Analytics Framework



We, at LTI, believe in delivering excellence with our Serverless Data Warehousing & Predictive Analytics Framework for our clients

01

Enterprise Analytical Platform Leading US-based Global bank

GCP-based Hybrid enterprise analytical platform

Enabled Operational, Risk & Fraud Analytics use cases on a Serverless platform

Scalable platform at a lower TCO/ ~40% lower cost

Handling large Data providing ~30% higher accuracy & ~20% coverage

02

Data on Cloud Leading UK-based Global Bank

Cloud Data Re-engineering of key applications in Finance, Risk and KYC / AML domain

Country-specific regulations and compliance

40% reduction in operational IT expenditure

03

Data Hubs on Cloud US-based Financial Corporation

Next Gen Hybrid Data Architecture on Cloud Platform for Digital and Analytical Platforms

Migration and data modelling of cloud native apps

30% improvement by outcome based data migration

04





















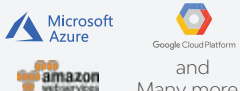
Cloud-based Cognitive Data Connector Multinational Insurance provider

Codification & Digitization of campaign management process

Advanced Data Quality & Validation using custom ML

Sustainable annual savings of USD 7 million

We are leveraging Mosaic Ecosystem accelerators to bring in best practices to accelerate cloud-based project implementation

Business Insights	 Business Signals & Lens	 Vertical Business Solutions	 Data & Analytics	 IoT Analytics	 Analytics-as-a-Service		
Cognitive Engine	 ML-as-a-Service	 AI & DS Workbench	 Cognitive Analytics Workbench		 Algorithms Marketplace		
Intelligent Data Store	 Data Connectors & Orchestration	 Data Quality	 Data Pipeline & Wrangling	 Data Catalog & Discovery	 Cognitive Data Intake		
Technology Components	 Machine Learning	 Apache Spark	 Apache Hadoop	 Apache Kafka	 Jupyter Notebook	 Apache Zeppelin	 Microsoft Azure Amazon Web Services Google Cloud Platform and Many more...

Our Partners



Microsoft as a Customer, Supplier and a GTM Partner



AWS Alliance Partner since 2014



Google Cloud Platform

GCP partner since June 2017

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700+ clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by nearly 90,000 talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit www.ltimindtree.com.