LTI’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.
LTI’s Serverless Data Warehouse & AI framework helps you to amplify outcomes

In this progressive yet challenging environment, LTIs 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

Consulting Advisory Services
Serverless Data & AI strategy, assessment and roadmap

Implementation Services
Unlimited scale & transformation, re-engineering / migration and governance

Cognitive Ops
AI-led Ops and Cognitive support with Agile delivery and CI/CD
LTI’s 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.

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**Our Partners**

- **Microsoft Azure**
  - Microsoft as a Customer, Supplier and a GTM Partner

- **AWS Alliance**
  - Partner since 2014

- **GCP partner**
  - Partner since June 2017
LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions company helping more than 420 clients succeed in a converging world. With operations in 32 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI’s Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Lntinfotech.com or follow us at @LTI_Global