



Case Study /

Global FMCG Major Partners with LTI to Help Define AI Strategy to Help Monitor, Govern & Test AI/ML Models



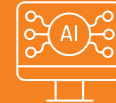
Business Benefits



Handcrafted model monitoring strategy to help manage hundreds of models for the business teams providing full visibility.



Standardized the feature list and metrics across model accuracy, drift management, service health & feedback loop.



Outlined a model testing framework for AI/ML models across Azure/GCP data platform.

The client is one of the leading FMCG majors, having operations in 80+ countries, with over 300 brands. The company's global scale enables it with competitive advantage over its competitors by having knowledge sharing, common systems & processes, and best practices reapplication.

The client wanted to define a holistic AI strategy to help monitor, govern, and test AI/ML models in a seamless and frictionless manner. Given the scale, it had a plethora of AI/ML models, which are in production across the globe and with the rise of AI adoption the models would rise exponentially. Also, with having multiple components across the data science module, the client faced a lot of challenges in testing the AI/ML models. This resulted in unreliable models pushed into deployment.

We partnered with the client in their AI journey, by performing design workshops, along with the key business personas across domains to help understand their pain points, needs and priorities areas. Based on that we created opportunity themes around data & features, model monitoring, operations summary, business monitoring & model governance.



To showcase the value to our client, we built a prototype application for model monitoring having pre-defined standardized feature list & metrics across areas such as model accuracy, feature drift, concept drift, service health, feedback loop, altering, retraining approval flow.

To help bring life to the application, we helped the client compare the various technologies in the market. We performed tool evaluation for model monitoring based on the client requirements and best practices.

We also defined a detailed test strategy for AI/ML models with custom built AI platform components. The unified model testing framework included automatic tool provisioning and standardized templates for test data, features, models, pipelines, integrations, etc. to ease the overall model deployment decision.

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 460 clients succeed in a converging world. With operations in 33 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 unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 40,000 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 <http://www.Ltinfotech.com> or follow us at [@LTI_Global](https://twitter.com/LTI_Global)

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