



Case Study

Real-time Analytics Enables Proactive Activities for Leading Vehicle Manufacturer in India

LTIMindtree redesigned informational architecture and facilitated ability of real-time analytics for a leading Indian automotive manufacturer to reduce overall TAT by 95% and cost savings of 30% with new architecture.



Client

The client is one of the leading vehicles manufacturer in India, designing and manufacturing compact electric vehicles.



Challenges

- ▶ Leveraging of data for business insights.
- ▶ Creation of prediction and real-time notifications to vehicle users.
- ▶ Ensuring timely reporting to make business-critical decisions.



LTIMindtree's Solution

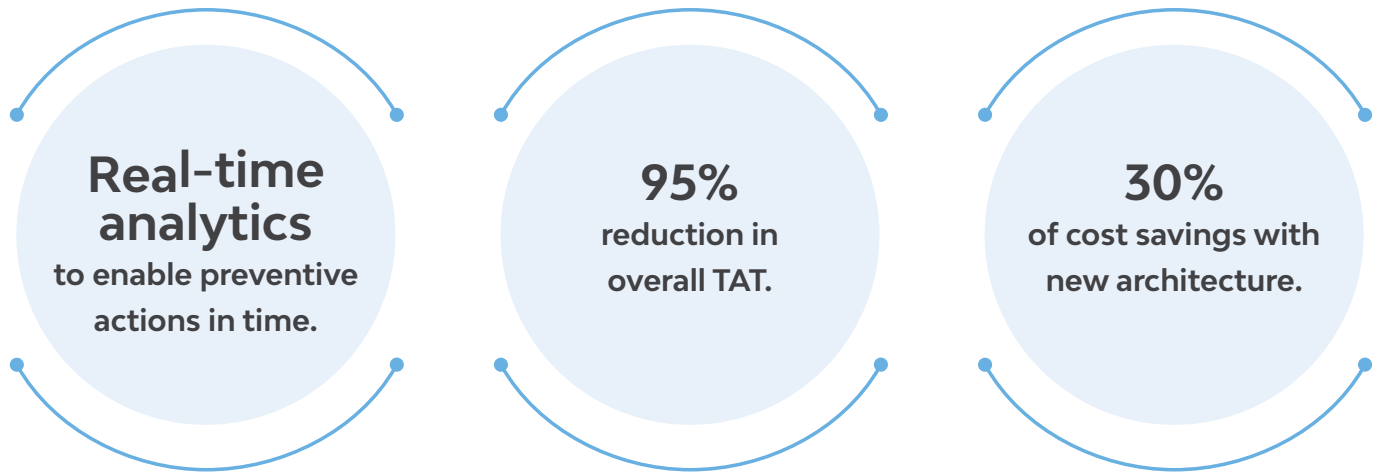
- ▶ Complete redesign of informational architecture.
- ▶ Created data pipeline to ingest all the streaming data from cars.
- ▶ Facilitated the ability of real-time analytics, which was not possible earlier.
- ▶ All applications were containerized for improved availability and performance.
- ▶ Setting up notifications to be pushed to final consumer mobile app to prevent any anomalies or incidents.

Technologies used: DMS, ML Engine, Redshift DWH, Power BI, Data Pipeline, Lex, NLP Engine, Voice Recognition AP Cassandra, Amazon Kinesis, Amazon Redshift, Amazon Athena, and Tableau.



Business Benefits

Consistent user experience using a tool/cloud-agnostic solution.



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 84,000+ 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 <https://www.ltimindtree.com/>

LTIMindtree Limited is a subsidiary of Larsen & Toubro Limited