



Let's Solve



A Larsen & Toubro
Group Company



Case Study

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

For a leading Indian automotive manufacturer, LTI redesigned informational architecture and facilitated ability of real time analytics 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.



LTI's Solution

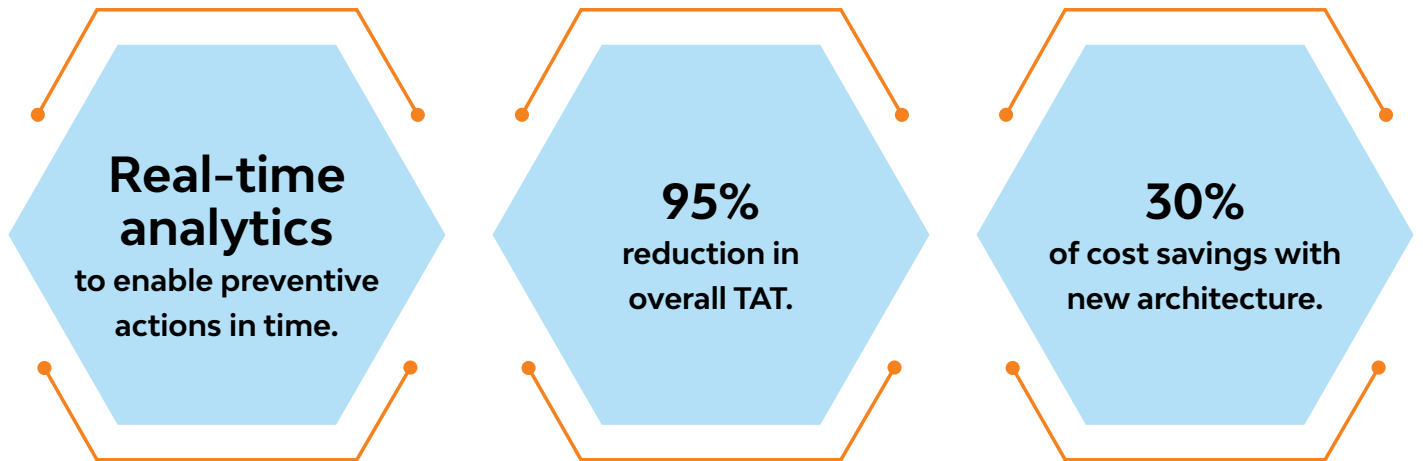
- ▶ Complete redesign of informational architecture.
- ▶ Created data pipeline to ingest all the streaming data from cars.
- ▶ Facilitated the ability of real-time analytics, which was not possible earlier.
- ▶ All applications were containerized for improved availability and performance.
- ▶ Setting 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, Tableau.



Business benefits:

Consistent user experience using a tool/ cloud-agnostic solution



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