LTIMindtree

Case Study

Retail Analytics Platform for a Leading Provider of Transport Solutions



Client

Our client is a world-leading provider of transport solutions, including trucks and buses for heavy transport applications combined with an extensive product-related service offering.

Business Challenges

The client wanted to

- Identify the exact time that the vehicles enter and leave the workshop boundaries (Geofence).
- Verify if the time that the work order was opened matches the time that the vehicle enters and leaves the workshop.
- Increase accuracy on vehicles' downtime in order to avoid fees issued to the client due to downtime agreements not being met.

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LTIMindtree Solution

- Created Snowpipe to process streaming data from vehicles.
- Used vehicle geolocation and validated the stops inside the workshop.
- Used Snowflake stream, task, and procedure, to track vehicle movements.

Business Benefits

200K stops processed daily for Brazil

Zero defects or error

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