



ROBOTICS

CLIENT PROBLEM

Our client, a robotics company specializing in last mile food and grocery delivery robots equipped with LiDAR sensors and cameras, needed assistance deploying and scaling their next gen AI models. Their iterative model development strategy required a continuous flow of high-quality annotations of increasingly complex dataset to identify objects and trajectories. This constant demand for precise and evolving data was crucial for training and improving their autonomous vehicle models to support their expansion.

WHAT WE DID

Utilising our Data Engine, our team provided comprehensive Data Labeling services in collaboration with the client. We mutually agreed a quality framework, jointly defined labeling instructions and proactively called out data anomalies. In acting as a flexible partner as part of their internal workflows, we were able to, adjusting to client needs and providing insights to ensure their models received high-quality inputs for peak performance.



RESULTS + VALUE

As a direct outcome, the client continued to give our team additional work streams, cementing our role as their partner for further model development and the expansion of their services into other cities.



ROBOTICS

KEY TECHNIQUES

01

Iterative Model Data Support & Refinement: Our team provided continuous, high-quality annotation of complex 3D LiDAR and camera data, adjusting labeling instructions and reacting to data complexity over time to support the client's evolving model development.

02

Collaborative Quality Framework & Ambiguity Resolution: We partnered directly with the client to define a mutual quality framework and proactively resolved ambiguities in labeling instructions and data anomalies, ensuring precise and consistent inputs for model training

03

Strategic Data Distribution Insights: Our team provided valuable insights into data distribution (e.g. object frequency, day/night scenarios) as we annotated, helping the client understand data gaps and optimize future data capture to improve model quality.