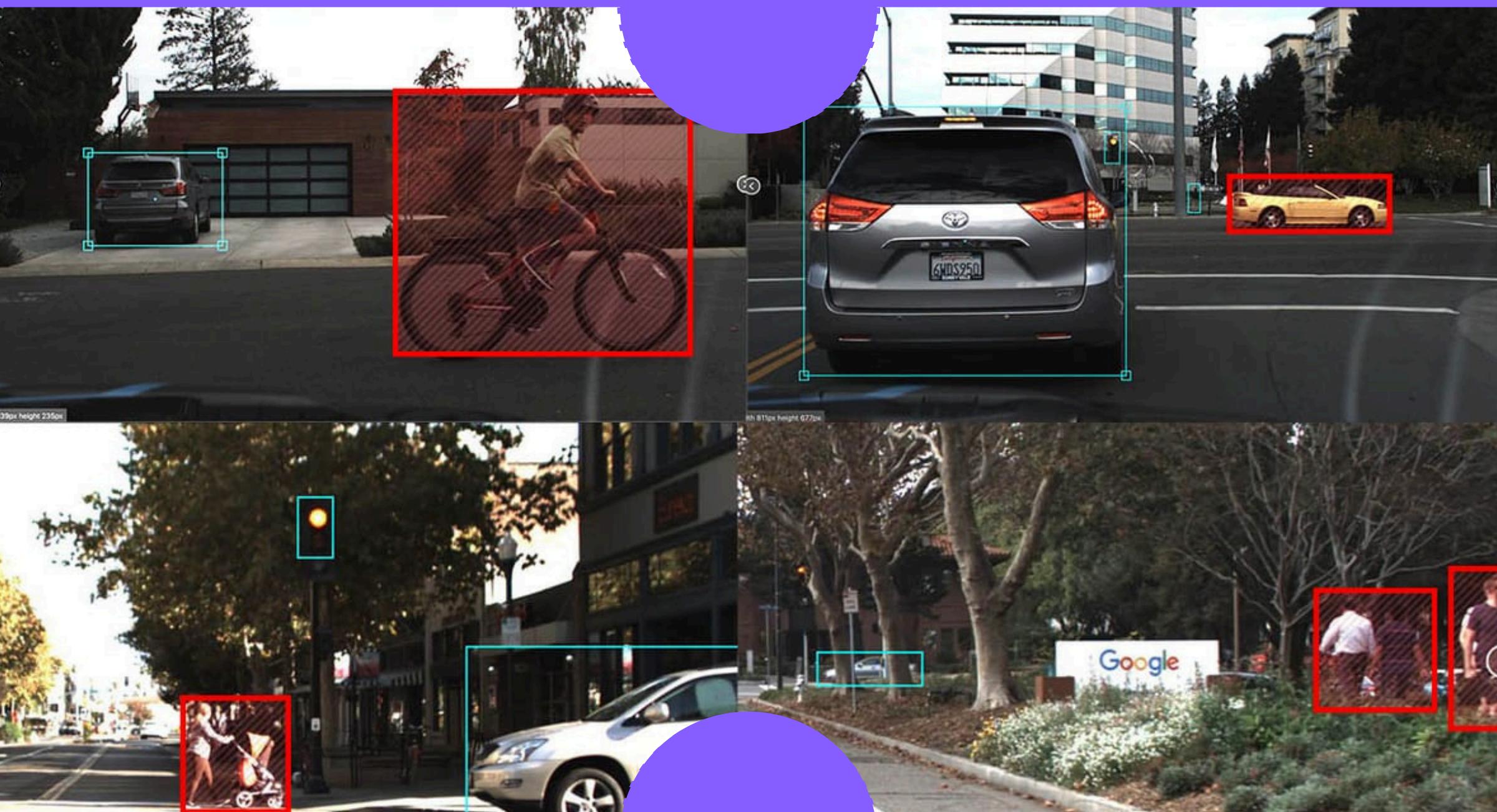


We Powered an Autonomous Vehicle (AV) Vision with Proven, World-Class Data Annotation

Here's how we did it...

Slide Left

01





Your Autonomous Vehicle Sees the Road. But Does It Understand Reality?

The self-driving industry's greatest challenge is the "perception gap", which is, the difference between test data and the unpredictable real world.

This is where accidents happen: in the subtle pedestrian gestures, the oddly parked vehicles, and the infinite edge cases that standard annotation misses.

To build a truly safe AV, you need data that understands context.



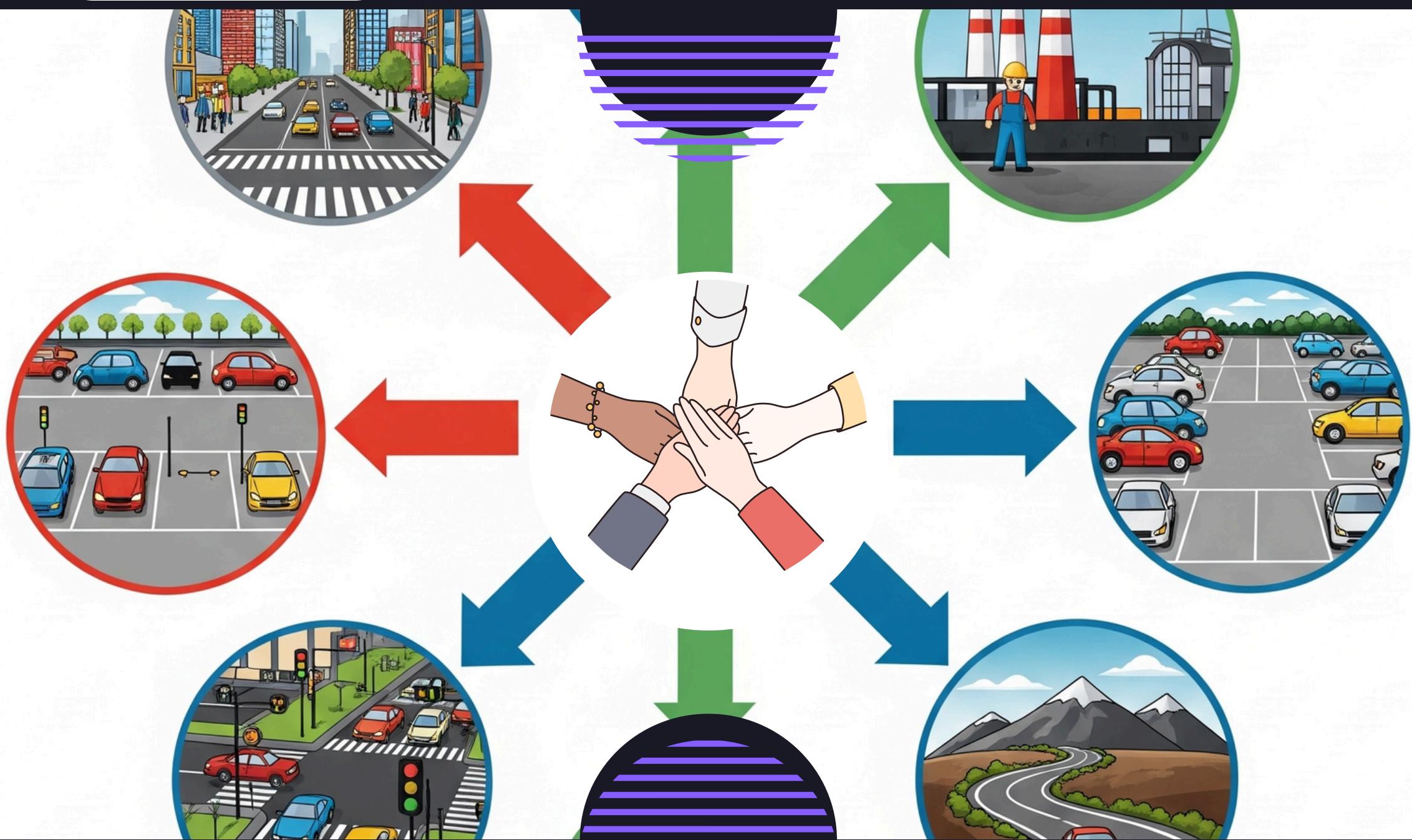
Our AV domain expert-led team got the job started

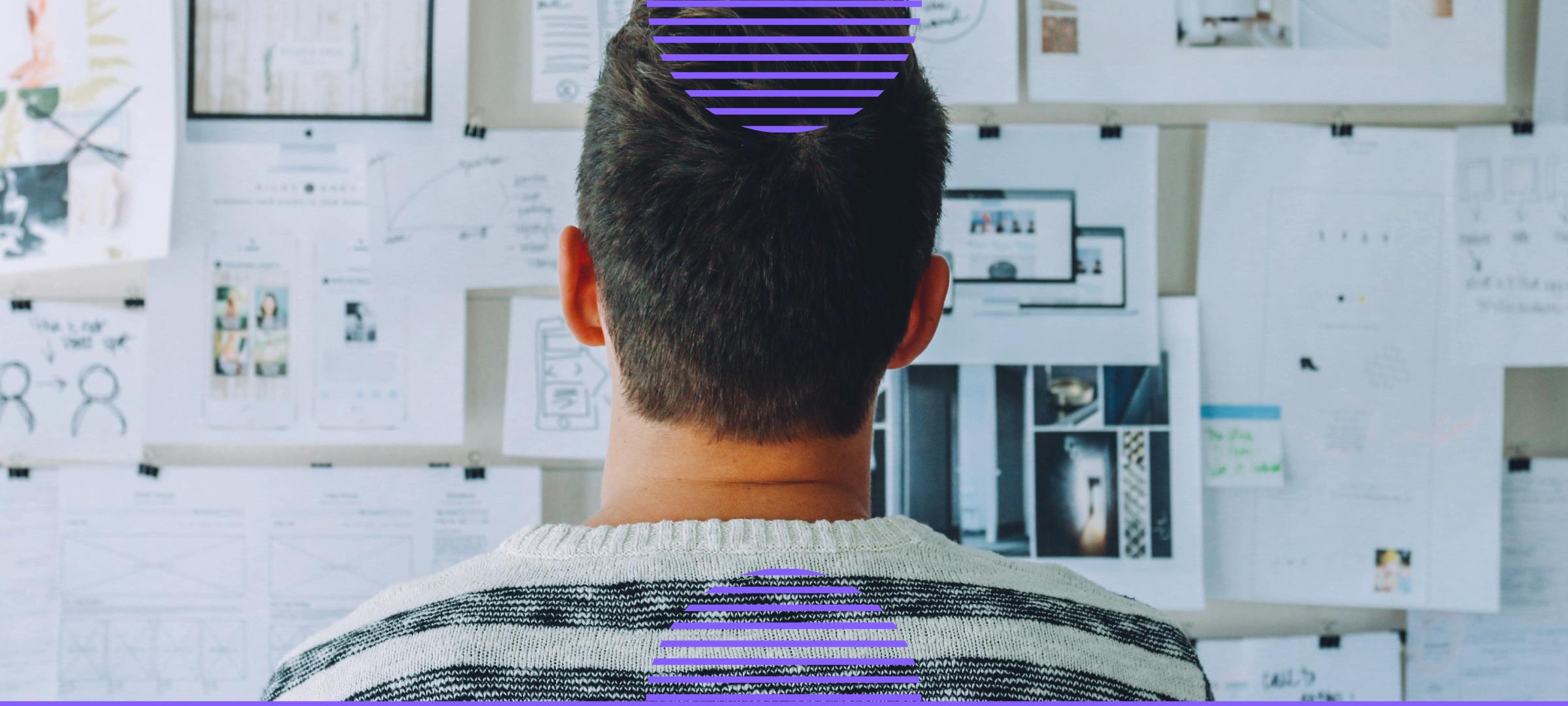
Our AV domain expert-led team of data annotators, undertook a massive project to prove we could deliver safety-critical data quality at scale.

We successfully identified and labeled over 2,500 objects across 100 categories (including person, car, dog, cat, chair, laptop, pizza, bicycle, sports equipment, etc.), proving our ability to handle dense, multi-object environments. The datasets had data augmentation techniques (flipping, rotation, brightness adjustment) to increase the diversity of the training set.

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03





Our Capacity was proven on Scale and Complexity

Handling density and complexity is our specialty. Our team successfully identified and labeled thousands of objects, proving our ability to power the most sophisticated perception models.

2,500+ Objects were Annotated

100+ Distinct Object Categories

Advanced Techniques like data augmentation was used to build a robust and diverse training set.

We literally turned chaotic scenes into structured, reliable data.

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04



The Proof Is in the Numbers. We Exceeded AV-Grade Standards.

Our rigorous, multi-stage QA process delivers data you can trust.
Here's how our results translate directly to your success

✓ **98% Precision**

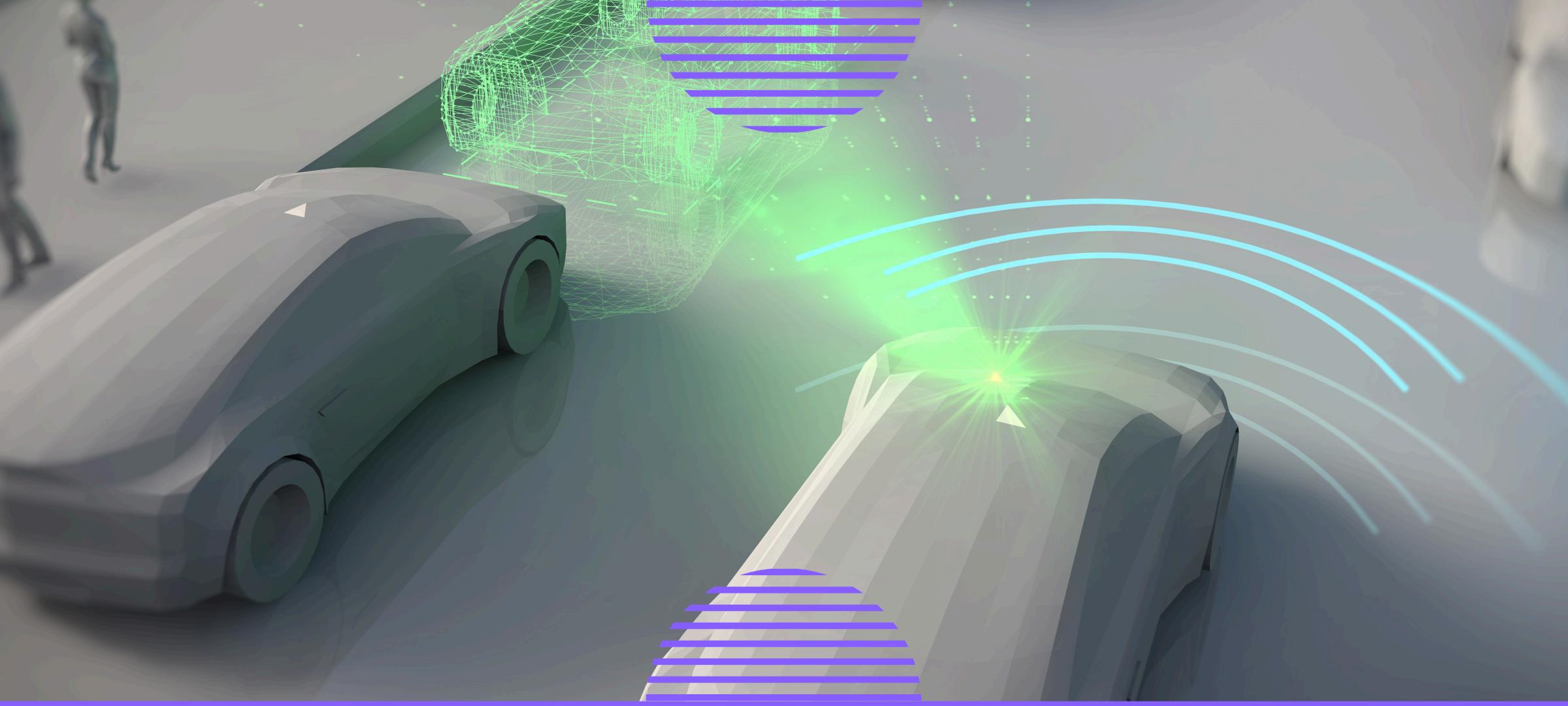
Your models learn from exceptionally clean data, reducing false positives.

✓ **0.87 Avg. IoU**

Your vehicle perceives object location and size with high fidelity for safer path planning.

✓ **>95% Inter-Annotator Agreement**

Our consistency eliminates the "noise" that confuses models.



We Are Your Partner for Safety-Critical Data Annotation.

The safety and reliability of your autonomous system depend on the quality of its data. Don't leave it to chance.

Partner with Rio Eigen to bridge your perception gap, accelerate development, and build trust in your technology.

Ready to enhance your perception models for your autonomous vehicle project?

DM us or visit rioEigen.com to schedule a consultation with our AV data experts.

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06

Thank You For Your Attention

