# Synthetic data

**Revolutionize your autonomous** driving development with up to 80% faster data generation, up to 95% cost reduction, and enhanced Al model quality using our stateof-the-art end-to-end synthetic data generation solution

### THE CHALLENGE

- Time-consuming and costly real-world data collection and annotation process
- Limited data diversity and coverage of edge cases and new geographies
- Bias and privacy concerns associated with real-world data
- Inefficient scaling with real data to meet growing data demands

## SOLUTION HIGHLIGHTS

- End-to-end service: Seamless integration of synthetic data generation, model training, and validation within a single platform
- Customizable data generation: Tailored synthetic data to meet specific requirements, including edge cases and new geographies
- Advanced AI techniques: State-of-the-art algorithms and tools to generate high-quality synthetic data and train autonomous driving models
- **Scalable infrastructure**: Robust and scalable platform to accommodate growing data and processing needs
- Comprehensive developer support: Extensive documentation, support, and tools to streamline the development process

IMPLEMENTATION

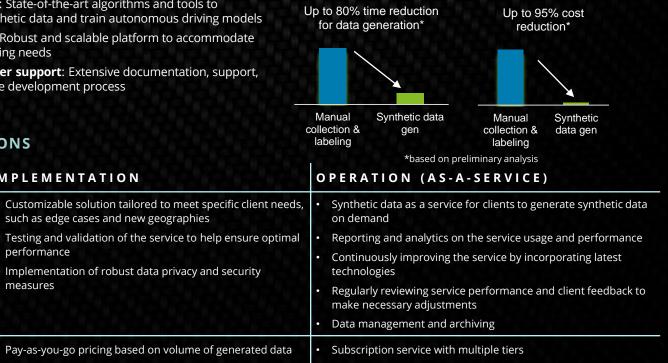
performance

measures

#### VALUE PROPOSITION

- Accelerated data generation: Reduce data generation and validation time by up to 80% compared to manual data collection and labeling
- **Cost savings**: Achieve up to 95% cost reduction compared to manual methods
- Improve model performance: Leverage proven benefits of combining synthetic and real-world data for training
- Scalability: Generate and manage diverse and complex data ondemand to help meet your growing dataset demands
- Enhanced model quality: improve safety and reduce bias with diverse and controlled synthetic data
- Privacy protection: reduce privacy concerns associated with realworld data

#### DIFFERENTIATION



## **DEPLOYMENT OPTIONS**

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**Pricing model** 

**Offering components** 

Pay-as-you-go pricing based on volume of generated data

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