High-Quality Data Preparation for Machine Learning

Changing How the World Works.

CASE STUDY

Aerial Image Segmentation for Satellite Images

Our client needed to understand land usage and identify key objects for their satellite data. Objects needed to be labeled with extreme precision, utilizing over 75 unique items in their ontology.

- We implemented a unique approach, blending rotated bounding boxes and image segmentation to enable them to derive the necessary insights
- The process we developed was used on over 10,000 images per month with over 99.9% of pixels categorized and an F1 score of 0.985

The client was able to regularly rely on data from DDD to drive their modeling efforts and significantly increase the value delivered to their clients.

DDD developed a unique segmentation process for over 10,000 images with 75 unique items in their ontology.

Data Preparation Services for Machine Learning

Machine learning teams and AI startups leverage DDD's 1500+ training data associates to prepare high-quality, structured training datasets at scale to train, test, and improve machine learning algorithms that deliver real-world applications.

What makes us unique? We set up dedicated teams selected with particular backgrounds that are given specialized domain-specific training. These purposefully built teams remain consistent throughout the project, resulting in a lower total cost of operation and higher quality datasets.

Our Social Mission

DDD pioneered the impact sourcing model of offering employment in data preparation services to people from underserved communities. This socially responsible approach to performing work provides these individuals with a path to economic self-sufficiency.

Data Collection and Creation

Data Cleaning and Curation

Video and Image Annotation for Computer Vision

Text and Audio Annotation for Natural Language Processing