TATA ELXSI

SMART ANNOTATIONS
Intelligent | Precise | Effortless

Tata Elxsi's versatile Smart Annotations platform powered by intelligent video analytics for data generation & augmentation
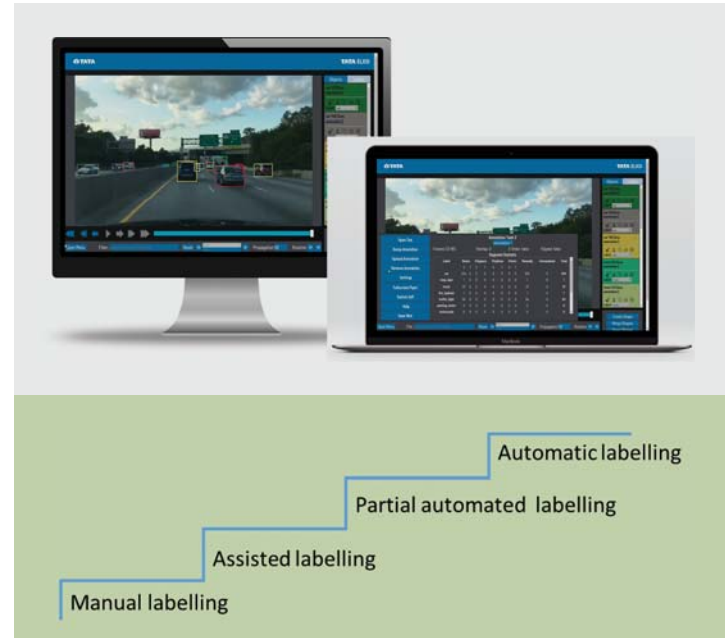
FAST & EFFICIENT DATA ANNOTATIONS

A versatile AI-based annotations tool powered by intelligent video analytics for diverse applications facilitating

- Automatic annotations corrections
- Semantic segmentation
- Hierarchical image tagging
- Named entity recognition -- Action detection, scene recognition, face recognition, sentiment analysis
- Interpolation – Automatic object tagging throughout all frames where object occurs

PRECISE GROUND TRUTH DATA GENERATION

- A robust platform for recognizing the content of images/ scene for automatized vehicles/ driving scenarios
- Reduced real-world driving tests using AI
- Near-miss scenario generation
- Corner case failure identification
- Abnormal drive scene generation

SMART ANNOTATIONS SERVICES

A versatile AI-based automatic annotations tool powered by intelligent video analytics for data generation & augmentation

Automatic Labelling | Effortless Corrections | Intuitive User Interface

AI-based data generation & augmentation enables "training" the cars' software to recognize various situations that pop up on the roads

- Reduced real-world driving tests using AI
- Near-miss scenario generation
- Corner case failure identification
- Abnormal drive scene generation

Automated data preparation of training data

- Automated annotations
- Automated annotations corrections
- Self learning system – increased accuracy & reliability