

VIDEO METADATA GENERATION

Customer

US-based Automotive Tier-1 Major

Business Need

Training data generation for Autonomous vehicle systems

Solution

Machine Learning-based Video metadata generation

The Impact

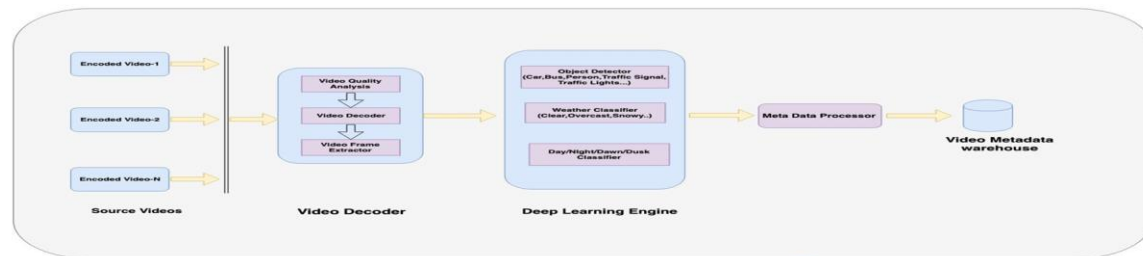
- Efficient RCA
- Predictive Analytics based future mishap occurrence can be identified and avoided

The Problem

- Training data generation and validation of autonomous vehicle systems
- Develop neural networks based engine for automatic metadata generation from driving videos

The Solution

- Decoding the drive videos and processed by a multi-tasking deep learning network to achieve object detection, weather classification and day/night/dawn/dusk identification, etc.
- Metadata processor processes and persists the data in video meta data warehouse for fused analysis



Video Meta Data Generation Pipeline

