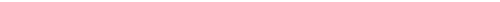


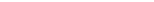
Computer Vision Dataset Guide /  Dataset  geVision

Collection • Labeling • Quality • Versioning • Feedback loop

Disclaimer: This document is a practical template and does not constitute legal, compliance, or financial advice. | 

This guide focuses on practical dataset management for computer vision projects (inspection, monitoring, measurement).

- 1) Data collection planning / 
 - Define target conditions: lighting, angles, backgrounds, device variations
 - Capture edge cases intentionally: rare defects, reflections, motion blur
 - 2) Labeling rules / 
 - Create a simple labelbook with examples (good vs bad labels)
 - Define what 'Other' means to avoid label drift
 - 3) Dataset splits / 
 - Split by time/batch/line where relevant (avoid leakage)
 - Keep a locked test set for milestone evaluation
 - 4) Quality checks / 
 - Review random samples weekly; measure inter-annotator agreement if possible
 - Track confusion cases and update guidelines
 - 5) Versioning / 
 - Version dataset + label schema; document changes (what/why/impact)
 - 6) Production feedback loop / 
 - Collect failure cases from production and add to training/eval sets
 - Run regression tests before each release

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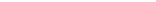
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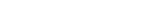
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