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Feet-on-the-ground Deep Anomaly Detection with Images: A real world Industrial case study

The unsupervised classification of images is a conceptually simple problem, yet it remains a significant challenge in the field of Machine Learning. In fact, despite the development of models that have demonstrated excellent performance on benchmark datasets in recent years, reproducing equally satisfactory results in real-world cases is often very difficult. This study presents a real-world example in which the performance of various Deep Learning-based models is compared using an image dataset obtained from an actual industrial vision system.

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