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Deep Learning Modeling and Vehicle Tracking for Smart City Traffic Alert System ALEXANDER PANTOJA, Texas Lutheran University, ELAZAR BILEWU, The Pennsylvania State University, JELENA TESIC, Texas State University — For the past few years, there has been advances in deep learning for visual recognition where models would be produced to be exactly the product of the trained examples that are provided. Complex Machine learning algorithms like Deep Neural Networks (DNN) have performed well in object detection and recognition. With this, we want to apply these pre existing models to land domain and investigate how successful DNN would be on identifying and labeling diverse objects.

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