»Impact on Business«

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The Cityscapes Dataset for Semantic Urban Scene Understanding
**Contribution**

An essential requirement for being able to successfully employ deep neural networks is the availability of large-scale training datasets. In this context an important question is how to generate the required ground truth labels for training. This paper is outstanding by presenting and evaluating a comprehensive benchmark suite for semantic urban scene understanding containing the largest and most diverse dataset of street scenes labeled on different scales. This dataset is already being used by thousands of researchers all over the world. The availability of such dataset is of major importance for future developments in various areas, especially in the context of autonomous driving.