



NEWS RELEASE

Aptiv Releases Industry's Largest Public Dataset for Autonomous Driving

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DUBLIN, March 28, 2019 /PRNewswire/ -- Aptiv PLC (NYSE: APTV), a global technology company enabling the future of mobility, announced today the full release of nuScenes by Aptiv, an open-source autonomous vehicle (AV) dataset. As the first company to share safety data of this caliber with the public, Aptiv is solving for a gap in the AV industry, which has historically limited open-sourcing data for research purposes. Through sharing critical safety data in nuScenes with the public, Aptiv aims to broadly support research into computer vision and autonomous driving by AV innovators and academic researchers to further advance the mobility industry.

As the first large-scale public dataset to provide information from a comprehensive AV sensor suite, nuScenes by Aptiv is organized into 1,000 "scenes," collected from Boston and Singapore, and is representative of some of the most complex driving scenarios in each urban environment. The nuScenes dataset is composed of 1.4 million images, 390K LiDAR sweeps, and 1.4M 3D human annotated bounding boxes, representing the largest multimodal 3D AV dataset released to date.

Providing public data of this kind not only offers academic researchers and industry experts access to carefully curated safety standards, it enables robust progress and innovation in the industry. To date, over 1,000 users and over 200 academic institutions have registered to access the nuScenes dataset.

"At Aptiv, we believe that we make progress as an industry by sharing—especially when it comes to safety," said Karl Iagnemma, president of Aptiv Autonomous Mobility. "Our team thought carefully about the components of our data that we could open to the public in order to enable safer, smarter systems across the entire autonomous vehicle space. We appreciate the importance of transparency and building trust in AVs, and we look forward to sharing nuScenes by Aptiv, information that has traditionally been kept confidential with academic communities, cities, and the public at-large."



To explore the dataset, visit nuScenes.org.

About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Visit aptiv.com

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