



DriveOhio



ADVANCED AIR



CONNECTED



AUTOMATED



ELECTRIC

*Smart mobility on
the ground, in the
air, everywhere*

Rural Automated Driving Systems



THE GOALS

Demonstrate how **connected and automated semi trucks and passenger vehicles** could improve safety for drivers, passengers and other travelers in **rural settings**

Inform the safe scaling of future deployments (shape rule-making)

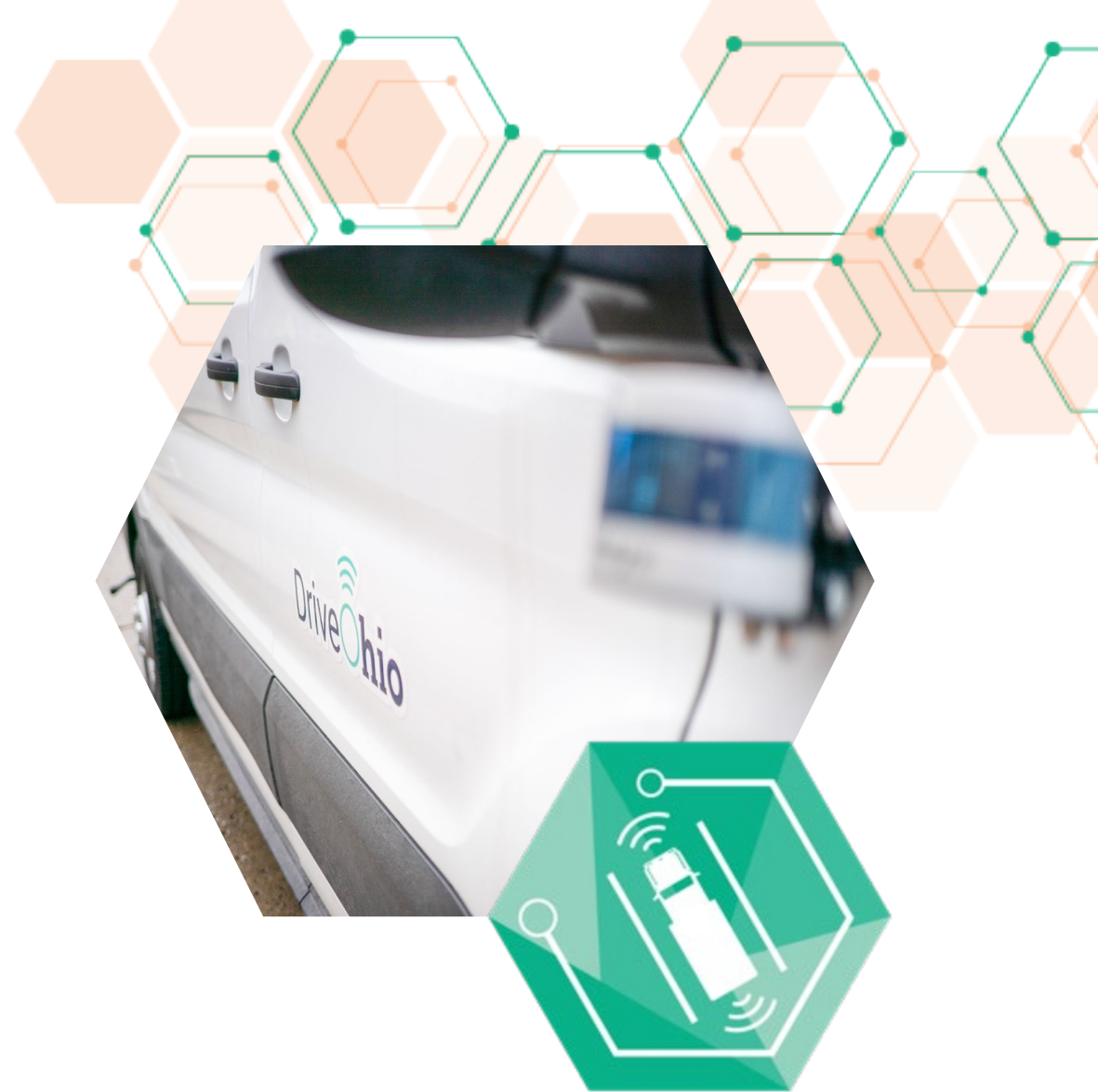


[Read More Here](#)

WATCH TO LEARN MORE

Learn more from our Executive Director, Preeti Choudhary

Want to know what is inside the vans? Click Here!



DATA MINING WORKSTREAM

- Using AI/ML or other analysis to identify points of interest (POI)
 - Review and categorize previously identified POI
 - Labeling gathered data for algorithm training
- Suggest other POI based on those characteristics (of the modeled POI above)
 - Will use high definition models/maps
- Using AI/ML or other analysis to categorize/group types of challenging characteristics



KEYWORDS

- AWS DynamoDB
- AWS Simple Storage Service (S3)
- Apollo
- Autoware
- Artificial Intelligence
- Machine Learning
- Autonomous Vehicles
- Connected Vehicles
- LiDAR
- Video Processing
- CyberRT
- ROSbags
- noSQL
- Python
- And More...