

responses plays a critical role in providing fast and reliable fire services. Fire trucks need to reach fire scenes quickly and safely amidst heavy urban traffic.



- Al Navigation: Autonomous route finding and obstacle avoidance.
- **Real-Time Data:** Real-time traffic and road condition monitoring.
- **Alert System:** Fire and emergency alerts.

camera sensors.

Model Training: Training the model using AI and machine learning algorithms.

Simulation: Testing in a simulation environment using Unity and ROS 2.

Deployment: Real-world testing and application.

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