# Obstacle Avoiding Vehicle

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**Abstract**: *This study offers a thorough examination of the techniques, approaches, and tactics employed to create abstractavoiding vehicles (AAVs). Self-driving vehicles are engineered to traverse environments while effectively and safely circumventing obstacles. This analysis emphasizes crucial aspects including sensor technologies, route planning algorithms, artificial intelligence methods, and practical implementation hurdles. Furthermore, it investigates the prospective applications, advantages, and future trajectories of AAVs across various sectors such as the automotive, logistics, and defense industries.*

**Keywords:** abstract avoiding vehicles