

Autonomous Car: Current Issues, Challenges and Solution: A Review

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Autonomous vehicles can operate on their own and perform necessary functions without any human intervention. Thus, modern world gives high demands on these areas especially on military-based research. The adoption of self-driving car technology offers several advantages that may be realized via research and development. Historically, first radio-controlled automobiles were created in 1920 and presently they come with many significant changes. Later, self-driving automobiles with identical electrical guidance systems first appeared in 1960. Vision-directed autonomous cars were a key technological milestone in the 1980s, and still comparable or updated kinds of vision and radio-guided technology trends are employed. However, these autonomous vehicles face many challenges and issues on their development process. At present, many companies including Google and Mazda have been able to develop successful solutions while providing acceptable solutions to human behaviour, ethics, strategy of traffic maintenance, liability, and policies of country. This paper presents a comparative review on existing autonomous cars, key challenges and issues.

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