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*Autonomous Vehicles:
Technological changes and
ethical challenges*



Introduction

Autonomous vehicles (AVs). Self-driving cars are innovative models of transport that hold the viewpoint to change the system of transportation around the globe. However, realization of such ideas presents culture shock largely skewed with ethical and practical pinnacles that need to be met to permit extensive uptake and thus the benefits so envisaged for society.



Autonomous Vehicles

Self-driving cars employ the best technologies like artificial intelligence, machine learning, sensors, and data analysis systems. These developments make it possible for AVs to maneuver through such terrains, avoid other objects and actors, or decide quickly on the best course of action.



Ethical decision

Ethical decision making of AVs is one of the most important problems faced in current scenario. Then there is the question of how AVs should prioritise outcomes where decisions are between life and death? To which category of consumers should they pay more deference to, the passengers or the pedestrians



Conclusion

Self-sustaining cars are one of the most promising areas of development, as they do not pose ethical and technological problems at the same times. In order to overcome these concerns and shape a positive future for AVs, a multidisciplinary effort by policy makers, engineering experts and ethicists is crucial for to build the intelligent transportation system of the future.



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