

AI for Everyone: Applications

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Chapter 10: Artificial Intelligence, the Automobile Industry and The Future of Electrical Vehicles

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Abstract:

AI-powered autonomous driving systems enable electric vehicles to navigate traffic, prevent accidents and identify the fastest routes, making transportation safer and more efficient. Waymo, a subsidiary of Alphabet Inc., is at the forefront of developing autonomous driving technology for electric vehicles.

Artificial Intelligence (AI) has a significant impact on the automobile industry, revolutionizing various aspects of vehicle development, manufacturing, safety and user experience. Here are some keyways in which AI has transformed the automobile industry:

While autonomous cars hold great promise for transforming transportation, they also face several significant challenges that need to be addressed before they can become widespread on our roads.

Keywords: Artificial Intelligence (AI), Electric Vehicle (EV), Vehicle to Grid (V2G), Machine Learning (ML), Internet of Things (IoT), ADAS, NLP.

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