

## عنوان مقاله:

Analysis and study applications of artificial intelligence in the automotive industry

## محل انتشار:

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## خلاصه مقاله:

The purpose of this paper is Analysis and study applications of artificial intelligence in the automotive industry. Artificial intelligence (AI) leverages computers and machines to mimic the problem-solving and decision-making capabilities of the human mind. Artificial intelligence makes it possible for machines to learn from experience, adjust to new inputs and perform human-like tasks. In modern digital society, artificial intelligence is becoming a dynamic business norm. The adoption of automotive artificial intelligence is routing in a new era allowing the companies to track their operations, augment business strategies, enhance in-car user experience, develop autonomous and semi-autonomous vehicles, and provide a better outcome in the digital world. The study identifies key AI trends impacting the industry, including the convergence of connectivity, autonomous, sharing/subscription, and electrification (CASE); the increasing use of digital assistants; and the emergence of cloud and data analytics. Discussion covers the adoption of various AI automotive industry elements and lists companies to watch out for in this space. This paper service examines the role artificial intelligence (AI) will play in the transformation of the automotive space. AI is a key disruptive technology, wherein automakers are evolving into technology firms and expanding their service offerings .beyond manufacturing vehicles

## کلمات کلیدی:

Artificial Intelligence; Automotive Industry; Decision; Digital World

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