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Survey on smart cars

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ABSTRACT

In this thesis, we will look at how the cars is being transformed and optimized to becoming smart vehicles through technology like the internet of things, cloud services and machine learning, and what benefits smart cars could bring to our daily life and we will also take a look at the different challenges faced by the developers who are trying to bring new features into vehicles. The content of this thesis is a survey about different studies and documents that talk about smart cars functionalities and development using different search engines especially google scholar.

Key words: smart cars, smart vehicles, connected cars, internet of vehicles (IOV), autonomous vehicle, advanced driver assistance system (ADAS).