Abstract

The self-driving car, though a concept that has existed nearly since the conception of the car itself, is seeming to be more and more realistic every day. Major car manufacturers as well as technology companies, namely Google, currently have cars out on the track and in the streets proving the functionality of self-driving technology. Automated with GPS and radars, these vehicles are able to process and understand their driving situation and obstacles possibly better than humans can. Companies argue that the autonomous car is our new driving future providing a safer, easier, and more economical commute. Despite huge advantages in safety and comfort, self-driving cars still face several obstacles keeping them from the mainstream like ethical dilemmas in case of accidents, software bugs and potential security risks.

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