Abstract: Car industry is undergoing a huge transition – estimated by some to be the biggest transformation in its history – driven by Mobility as a Service (MaaS) opportunities and integrated connectivity revolution. Vehicles increasingly are being equipped with enhanced embedded connectivity supercharged by software driven innovations. Analysts indicate that connected car capabilities already influence 6 out of 10 vehicle purchases, giving vehicle manufacturers the ability to open new revenue streams and improve profit margins by selling software and connected services. Processing the big data from connected vehicles is one of the big. But these challenges also provide opportunities to build hyper connected cyber-physical systems (also called Digital Twin) with several interesting use cases such as personalized intelligent driving, smart traffic management, etc.

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