

Degrees of automation in driving

Stage 0 No automation	Stage 1 Assisted	Stage 2 Partially automated	Stage 3 Automated	Stage 4 Highly automated/ partially autonomous	Stage 5 Autonomous
Humans are permanently in charge of braking, accelerating and steering.	Humans are permanently in charge of braking and accelerating or steering.	Humans must permanently monitor the system.	Humans need no longer permanently monitor the system, but are potentially able to take over.	No human driver needed in the case of a specific application (e.g. motorway driving).	No human driver needed from start to finish.

Source: own diagram based on Dumitrescu et al. (2018) and VDA (2015)
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