Report on AI in Autonomous Vehicles

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***Abstract*—**

I. Introduction

The technology in automobile industry has made some remarkable progress the last century. They have managed to make safe, reliable and affordable vehicles. The last couple of decades have seen significant advancements in computation and communication thecnologies, so autonomous vehicles are now becoming a reality Several prototypes exists today. Among others, Volvo have started implementing autonomous trucks that deliver goods [1].

A. Autonomous vehicles

1) What is it?:

2) Why?:

3) Terms:

II. Theory

A. Autonomy

B. Machine learning

1) Deep learning:

C. Algorithms

1) Neural networks:

III. Main content

IV. Discussion

A. Safety

B. Implementation

C. GDPR

V. Conclusion

References

[1] Volvo, "Volvo's vera autonomous trucks will transport dfds goods on public roads," Web, 2020. [Online]. Available: https://venturebeat.com/2019/06/13/volvos-vera-autonomous-trucks-will-transport-dfds-goods-on-public-roads has announced a commercial,and a port in Sweden.