Faculty of Science and Technology

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Using Artificial Intelligence within Cars to Understand the Awareness of Road Systems and Improve Traffic Errors

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**Abstract**

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# **Chapter 1: Introduction**

## **Concept and Justification of Project**

## **1.1 Aims and Objectives**

### **1.1.1 Aims**

### **1.1.2 Objectives**

# **Chapter 2: Literature Review**

## **2.0 Introduction**

This literature review will be going over the following information that has been gathered and show aspects of what the project will be going to attain during the development of the project.

## **2.1 Autonomous Vehicle Usage in the Real World**

<https://www.sciencedirect.com/science/article/pii/S0968090X15000042>

## **2.2 Algorithm Types for Automated Driving Phases**

## **2.3 Road Management System**

<https://ieeexplore.ieee.org/document/7313131?fbclid=IwAR3-OK1hh-5qHEtpcn6DvVJVHLAgYKZ_GGazgrtebNAr1-V5huEpzLjNl_c>