Business Scenario

Autonomous vehicles (AV) and intelligent transport systems (ITS) are the future of road

transport. Automatic detection of vehicles on the road in real-time helps AV technology

and makes ITS more intelligent in terms of vehicle tracking, vehicle counting, and road

incident response.

Problem statement 1:

As the first part of this project, you need to develop an AI model using a deep learning

framework that predicts the type of vehicle present in an image as well as localizes the

vehicle by rectangular bounding box.