Review Form 1.7

Journal Name:	**Journal of Engineering Research and Reports**
Manuscript Number:	**Ms_JERR_111410**
Title of the Manuscript:	**The Positive Impacts of Artificial Intelligence in Highway Transport**
Type of the Article	**Original Research Article**

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	Reviewer's comment	Author's comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments 1. **Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) 2. **Is the title of the article suitable?** (If not please suggest an alternative title) 3. **Is the abstract of the article comprehensive?** 4. **Are subsections and structure of the manuscript appropriate?** 5. **Do you think the manuscript is scientifically correct?** 6. **Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	The manuscript possesses substantial scientific value, especially if it presents novel insights, implementable resolutions, or tackles noteworthy obstacles pertaining to the utilisation of artificial intelligence in the domain of highway transportation. Yes The abstract serves as a concise summary rather than a traditional abstract. An abstract generally encompasses essential components, such as the study's objective, employed methodologies, achieved outcomes, and derived conclusions. Yes I think the manuscript is scientifically correct. The quantity of references is adequate, encompassing a diverse range of subjects pertaining to artificial intelligence and transportation. Most of the references are contemporary, ranging from 2020 to 2022 in terms of their publication dates. This suggests that the author is integrating up-to-date scholarly works, which is crucial for keeping abreast of fast advancing domains like artificial intelligence and transportation. The inclusion of recent references indicates that the author's work is influenced by the most up-to-date advancements and research discoveries.	
Minor REVISION comments 1. **Is language/English quality of the article suitable for scholarly communications?**	The article's language and English proficiency are appropriate for scholarly communications, while there are certain aspects that could be enhanced to further increase its fitness for such discourse. Here are a few recommendations: - Ensure the use of uniform vocabulary throughout the piece. For example, verify the application of terminology like "AI" and "Artificial Intelligence" to guarantee consistency. - Be mindful of redundancy in certain phrases. For example, the phrase "potentially more tech-oriented and adaptable age group" could be streamlined for clarity. - Evaluate sentences for linguistic precision. To illustrate, let's refine the term "arguably the next significant disruptive innovation" to make it more concise.	

Optional/General comments	Here are some further comments:
	- Revise the abstract to align with the requirements of a scientific publication.
	- Include information on the research site, the extent of the research, and the specific goals of the research.
	- Include a comprehensive summary of relevant research as this area is currently lacking in detail. It is imperative to prioritise the clarification of the following concepts:
	  + The term "Artificial Intelligence" (AI) refers to the ability of machines to simulate human intelligence and perform tasks that typically need human intelligence, such as learning, problem-solving, and decision-making, in the context of highway transport.
	  + Highway transport is now facing several issues, and it is important to provide a brief review of its current situation.
	  + The thesis statement emphasises the beneficial benefits that AI can have on highway transport.
	- Research methodology: Elaborate on the application of the data analysis and modelling methods in a more explicit, precise, and detailed manner inside this research.
	- Elucidate the outcomes of the model in the Results and comments section.	

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Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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