

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Research in Computer Science</b>
Manuscript Number:	<b>Ms_AJRCOS_112586</b>
Title of the Manuscript:	<b>Exploring a Pragmatic and exponential advancement in use of Machine Learning and Artificial Intelligence system.</b>
Type of the Article	

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**PART 1: Review Comments**

	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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. <b>Importance for the Scientific Community:</b> The manuscript addresses a relevant and timely topic by exploring the concept of using data as a new form of energy to power future machines. With the increasing volume of data globally and the challenges associated with traditional energy sources, the proposed approach could offer a sustainable solution. The paper's focus on the applications of machine learning and artificial intelligence in utilizing data as an energy source makes it important for the scientific community, especially those working in the fields of energy, IoT, and AI.</li> <li>2. <b>Suitability of the Title:</b> The title, "Exploring a Pragmatic and Exponential Advancement in the Use of Machine Learning and Artificial Intelligence System," is broad and captures the essence of the paper. However, it could be more specific to highlight the central concept of using data as an energy source. A suggested alternative title could be: "Harnessing Data as a Sustainable Energy Source for Future Machines."</li> <li>3. <b>Comprehensiveness of the Abstract:</b> The abstract provides a good overview of the paper, summarizing the key points effectively. It introduces the concept of data as a new form of energy, highlights the challenges with conventional energy sources, and mentions potential applications. It is comprehensive and effectively communicates the paper's scope and findings.</li> <li>4. <b>Appropriateness of Subsections and Structure:</b> The manuscript is well-structured with clear subsections, including an introduction, background, methodology, results, and conclusion. The progression of ideas is logical, and the use of subsections aids in understanding. The placement of the discussion on smart irrigation systems in Section 4 appropriately supports the paper's main argument.</li> <li>5. <b>Scientific Correctness:</b> The manuscript appears scientifically sound, presenting a logical argument for the use of data as an energy source. The incorporation of machine learning algorithms, such as Naïve Bayes, in the smart irrigation system experiment adds credibility to the proposed approach. However, it would be beneficial to provide more details on the methodology and experimental setup for a thorough evaluation.</li> <li>6. <b>Adequacy and Recency of References:</b> The references cited in the manuscript, including Bridge et al. (2014) and Sarah et al. (2017), are appropriate for supporting the background and concepts discussed. However, to strengthen the paper's academic foundation, consider incorporating more recent references, especially in the rapidly evolving fields of IoT, machine learning, and AI.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>The language and English quality of the article are generally suitable for scholarly communication. However, some sentences are complex, and there are a few instances where clarity could be improved. A careful proofreading for grammatical and syntactical errors is recommended. Additionally, ensuring consistent terminology usage, especially in the introduction and conclusion, will enhance the overall coherence of the manuscript.</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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