

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Computer Science</a>
Manuscript Number:	Ms_AJRCOS_128742
Title of the Manuscript:	Responsible Data Scientist: A Paradigm Shift Beyond the "Sexiest Job"
Type of the Article	

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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**Review Form 3**

**PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript offers a vital contribution to the scientific community by shifting the focus of data science from technical expertise to the ethical, transparent, and responsible use of data. It challenges the current view of data science as merely a high-demand technical role, urging professionals to consider the societal impacts of their work, especially in critical sectors such as healthcare, finance, and governance. By emphasizing the need for ethical frameworks, privacy, governance, and accountability, the manuscript provides invaluable guidance for data scientists to ensure more equitable and responsible applications. Its alignment with legal standards like GDPR and the EU AI Act further enhances its relevance, making it a crucial resource for advancing ethical practices in data science and AI.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title effectively captures the manuscript's focus on the evolving role of data scientists, shifting from a high-status technical profession to one centered on ethical responsibility. While the current title, "Responsible Data Scientist: A Paradigm Shift Beyond the 'Sexiest Job,'" is impactful, a slight modification like "From 'Sexiest Job' to 'Most Responsible Role': The Evolution of Data Scientists" may offer clearer precision. Alternatively, "Shaping Responsible Data Scientists: Ethics and Governance Beyond Technical Skills" could also better reflect the emphasis on ethics, governance, and responsibility in the field.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract effectively outlines the manuscript's core argument, focusing on the need for data scientists to move beyond the "sexiest job" narrative and adopt a more ethical, responsible role. Including specific examples or a brief overview of the proposed framework would improve clarity and completeness.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically solid and well-organized, with arguments supported by relevant literature and sound reasoning. It effectively aligns with current trends in ethical AI, responsible data governance, and legal frameworks like GDPR and the EU AI Act, ensuring its relevance to contemporary discussions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The manuscript includes relevant and recent references, but it would benefit from a more comprehensive range of sources, especially on responsible AI and data science ethics. Incorporating diverse frameworks, including those from the U.S. and Asia, would further strengthen its scientific rigor.	
Is the language/English quality of the article suitable for scholarly communications?	The manuscript is clear and well-written, though certain sections could be simplified to enhance accessibility. Minor grammatical revisions and the refinement of sentence structures would improve readability and ensure greater consistency throughout the text.	
<u>Optional/General</u> comments	<b>This manuscript makes a valuable contribution to the discourse on responsible data science. The use of tables to highlight key points is effective, but incorporating real-world examples or case studies could further enhance the proposed framework. Additionally, addressing challenges in low-resource settings and including visual aids would improve clarity and engagement.</b>	

**PART 2:**

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

**Reviewer Details:**

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