

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_129979
Title of the Manuscript:	Data Augmentation Techniques Using Generative Adversarial Networks: Employing GANs to create synthetic data for enhancing machine learning model training.
Type of the Article	

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.	<ul style="list-style-type: none"> The methodology presented here has broad implications in imaging Offering potential applications in various domains where limited data availability hinders machine learning model performance. use of GANs in re-shaping data augmentation and enhancing the use of AI solutions. 	
Is the title of the article suitable? (If not please suggest an alternative title)	NO , Data Augmentation Techniques Using Generative Adversarial Networks: Employing GANs to create synthetic data for enhancing deep learning model training. (As ML needs less data compared to DL)	
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.	Nil	
Is the manuscript scientifically, correct? Please write here.	Needs language correction and revision based on the review comments	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, Include Recent journal papers for the article	

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Is the language/English quality of the article suitable for scholarly communications?	Need language correction	
Optional/General comments	Need proper alignment of Figures, tables in paper I have carefully read the paper, and I found it very poor from a technical point of view. Moreover, the authors did not propose anything new. <ul style="list-style-type: none">- Ensure appropriate resolution and image quality- Citation for figures are not available- Use uniform format in reference section- Include clear experimental setup and configuration- Analyze the diversity of generated samples in different application- Include detailed analysis of computational resources and training time. Include various performance metrics used before and after augmentation	

PART 2:

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

Reviewer Details:

Name:	Nishiya Vijayan
Department, University & Country	Mar Athanasius College of Engineering, India