

Review of: "Harnessing the Power of Generative Adversarial Networks (GANs) for Novel Batik Designs: An Exploration of Lightweight GANs (LGANs) for Automatic Batik Design"

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Potential competing interests: No potential competing interests to declare.

The paper is well-organized, but the abstract is somewhat vague about specific outcomes. The literature review lacks depth in discussing previous applications of GANs in similar artistic fields. The methodology section lacks detailed descriptions of the LGAN architecture and training process. The paper does not specify the metrics used to evaluate the quality of the generated Batik designs. The visual results presented are limited and do not fully showcase the variety of designs produced. The discussion section does not fully explore the practical implications and potential limitations of using LGANs in Batik design. Some references are outdated or not directly relevant to the specific application of GANs in design. The conclusion is somewhat brief and does not fully encapsulate the study's contributions and future work. The study presents an innovative use of GANs for Batik design but could benefit from a more detailed methodology, comprehensive literature review, clear evaluation metrics, and a deeper discussion of implications and limitations. By addressing these areas, the paper can provide a more robust and informative contribution to the field.