

Peer Review

Review of: "Influence Functions for Scalable Data Attribution in Diffusion Models"

Huanjie Tao¹

1. Northwestern Polytechnical University, Xi'an, China

1. The Abstract section is relatively standardized and can reflect the core content of the paper. If possible,
 1. The authors should write the full words of an abbreviation at least once within a section. To be specific, "K-FAC"
2. The overall writing is relatively serious and standardized.
 1. The authors should write a summary of the paper's contribution at the end of the Introduction section.
 2. The authors should write a Related Work section.
 3. The authors should remove notes. To be specific, "bordercolor=orange! ..." in the Background section.
 4. The authors should fix typos. To be specific, "copmared", "Thes" in the Experiments section.
3. The Experiments section is relatively serious. If possible,
 1. The authors should validate the robustness of the K-FAC Influence.
 1. Here is an article related to a denoising diffusion model. "Erasing-inpainting-based data augmentation using denoising diffusion probabilistic models with limited samples for generalized surface defect inspection". If possible, the authors should use the erasing-inpainting strategy to produce augmented samples from a real dataset and evaluate whether the influence rankings remain consistent.

Declarations

Potential competing interests: No potential competing interests to declare.