

I extend my sincere thanks and gratitude to the reviewer for spending his valuable time to review my article and point out suggestions for improvement. Thanks for positive note, which motivates the young researchers

Reviewer Question / Comment	Author Response	Exact Changes Made in the Manuscript
1. Is the submission well-organized? Are the problem, purpose, and objectives clearly defined?	No clearly defined.	<ul style="list-style-type: none"> i. Added a Research Objective Statement at end of Introduction. ii. Reordered Introduction → ML limitations → Need for QML → Objective.
2. Does the study have a strong theoretical foundation and integration with literature?	Yes, but minor improvements done.	<ul style="list-style-type: none"> i. Removed similar literature sections ii. Trimmed some overly long theory paragraphs to fit 8-page limit while retaining important citations.
3. Is the methodology described in sufficient detail for reproducibility?	Improved and clarified.	<ul style="list-style-type: none"> i. Added missing Computational Setup (OS, CPU, RAM, Framework versions). ii. Clarified encoding methods (RY, RZ, RX) and circuit depth but removed mathematical formulation.
4. Are results/findings clearly presented?	Yes, with improvements.	<ul style="list-style-type: none"> i. Removed duplicated “Residual plots” and redundant explanation paragraphs. ii. Standardized captions and added short interpretations below figures.
5. Are references relevant and properly cited in APA?	Fully revised.	<ul style="list-style-type: none"> i. Fixed missing DOIs and issue numbers. ii. Converted titles to APA sentence case. iii. Removed references not cited in text.
6. Does the paper have a logical flow?	Improved.	<ul style="list-style-type: none"> i. Moved correlation heatmap explanation after dataset table (improves logical order). ii. Merged two sections where explanation of dataset was repeated.
7. Overall Strengths and Weaknesses	Addressed.	<ul style="list-style-type: none"> i. Strengths emphasized in concluding part. ii. Weakness addressed by adding: “Real field-level dataset collection will be included in future work.”
8. Reviewer comments: Add clear objectives, framework details, APA fix, reduce paper length	Completed.	<ul style="list-style-type: none"> i. Objectives added. ii. Quantum framework details added. iii. APA references corrected. iv. Reducing repeated mathematical explanations v. Compressing diagrams description
10. Weakness: Data Collection and ML Implementation	Addressed.	<ul style="list-style-type: none"> i. Added justification for synthetic dataset ii. Added clearer explanation of ML baseline and comparison methodology.