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| Book Name: | **Post-Quantum AI: Building Secure Machine Learning Systems in the Quantum Era** |
| Manuscript Number: | **Ms\_BPR\_6323** |
| Title of the Manuscript: | **Post-Quantum AI: Building Secure Machine Learning Systems in the Quantum Era** |
| Type of the Article | **Complete Book** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **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.** | **The significance of this manuscript is its consideration of how AI and quantum computing is going to pose new challenges with respect to security and fairness. It discusses the value of trust and transparency in AI systems, and presents possible ways to deal with future risks. The authors are linking disparate concepts from AI, quantum computing, and cybersecurity, and enable researchers to move towards safer and more responsible technology.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes.** |  |
| 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 of your manuscript is already fairly comprehensive—it introduces the intersection of AI and quantum computing, highlights vulnerabilities, and stresses the ethical and security implications.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the manuscript appears to be scientifically correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References in the manuscript are adequate and recent, with many from the years 2023–2025 covering key areas of post-quantum cryptography, adversarial quantum attacks, explainable AI, IoT cybersecurity and AI's role in healthcare, which indicates the work is up-to-date with new scientific developments.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The language of the manuscript is generally clear and understandable.** |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *No* |  |

**Reviewer details:**

**Bhavik Vishnubhai Patel, USA**