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| Book Name: | [Medical Science: Recent Advances and Applications](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5674** |
| Title of the Manuscript: | **AI and Big Data: Pioneering the Next Generation of Health Care Solutions in Cancer Treatment** |
| Type of the Article | **BOOK CHAPTER** |

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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 abstract is comprehensive but overly dense, bordering on verbose. Condense the abstract by focusing on the core themes—what the chapter does, why it matters, and the key technologies discussed  Use a uniform hierarchy for your headings and subheadings (e.g., 1.1, 1.2, then 2.1, 2.2)  Expand on how EHRs, genomic data, and clinical trial data are integrated. Discuss challenges such as interoperability, standardization (e.g., FHIR), and data harmonization.  Currently, transitions are abrupt between some sections (e.g., from Importance of Cancer Care" to "AI and Big Data   Some in-text citations are simply [1], [2] without full context.   Consider following a consistent citation style (APA, MLA, or Vancouver). |  |
| **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. | **check my suggestions** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **check my suggestions** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Need improvement |  |
| 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?** |  |  |

**Reviewer details:**

**Yasir Afaq, India**