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| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_** **3724.34** |
| Title of the Manuscript: | **Suspicious Activity Detection System Using Machine learning** |
| Type of the Article | **Complete Book chapter** |

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| PART 1: Review Comments | | | | |
| Compulsory REVISION comments | Reviewer’s comment | | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** |  | |  | |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  | |  | |
| 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. |  | |  | |
| **Are subsections and structure of the manuscript appropriate?** |  | |  | |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** |  | |  | |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** |  | |  | |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? |  | |  | |
| Optional/General comments | The authors explore and study “Suspicious Activity Detection System Using Machine Learning”,  which is a very interesting topic. However, there are some comments and suggestions to the  authors as follows:  1. The abstract should be clear and concrete providing the main work of the paper.  2. The test models show that the system and video can detect suspicious situations with 86%  accuracy. The model further needs training for more enhancement.  3. The literature review should be expanded and show the research findings and limitations of  related works in tabular form. More literature works are needed in this section.  4. Missing citation of figures and the figures are not labelled. Please add labels and cite them in the main text.  5. Briefly describe the dataset pre-processing steps. The framework needs more clarification.  6. The result and discussion should be more elaborated concerning previous works for  validation. Please describe the results related to CCTV footage to track suspicious activity.  7. Update the references section because the reference style and citation in the main text is  different.  The book chapter is recommended for publication, subject to minor revisions. | |  | |
| **PART 2:** | | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with 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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  | |

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| Reviewer Details: | |
| Name: | **Gebrekiros Gebreyesus Gebremariam** |
| Department, University & Country | **Raya University, Ethiopia** |