

REFERENCES

- [1] Liu, Sumei, et al. "Evaluation of airborne particle exposure for riding elevators." *Building and Environment*, vol. 207, 2022, p. 108543, <https://doi.org/10.1016/j.buildenv.2021.108543>.
- [2] Sun, Chanjuan, and Zhiqiang Zhai. "The efficacy of social distance and ventilation effectiveness in preventing COVID-19 transmission." *Sustainable Cities and Society*, vol. 62, 2020, p. 102390, <https://doi.org/10.1016/j.scs.2020.102390>.
- [3] Das, Prasanta, et al. "Deep learning-based object detection algorithms on image and video." *2023 3rd International Conference on Intelligent Technologies (CONIT)*, 2023, <https://doi.org/10.1109/conit59222.2023.10205601>.
- [4] Wang, C.-Y., Bochkovskiy, A., & Liao, H.-Y. M. (2023). YOLOv7: Trainable Bag-of-Freebies Sets New State-of-the-Art for Real-Time Object Detectors. *2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*. <https://doi.org/10.1109/cvpr52729.2023.00721>
- [5] Reddy Konala, Thammi, et al. "Analysis of live video object detection using Yolov5 and Yolov7." *2023 4th International Conference for Emerging Technology (INCET)*, 2023, <https://doi.org/10.1109/incet57972.2023.10169926>.
- [6] Zollanvari, Amin. (2023). *Machine Learning with Python: Theory and Implementation*. 10.1007/978-3-031-33342-2.

- [7] Ketkar, Nikhil, and Jojo Moolayil. "Introduction to pytorch." *Deep Learning with Python*, 2021, pp. 27–91, https://doi.org/10.1007/978-1-4842-5364-9_2.
- [8] I. Culjak, D. Abram, T. Pribanic, H. Dzapov and M. Cifrek, "A brief introduction to OpenCV," 2012 Proceedings of the 35th International Convention MIPRO, Opatija, Croatia, 2012, pp. 1725-1730.
- [9] Sharma, Ayushi, et al. "Object detection using opencv and python." *2021 3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)*, 2021, <https://doi.org/10.1109/icac3n53548.2021.9725638>.
- [10] Rakesh, Vasa, et al. "Real time object recognition using opencv and Numpy in python." *2023 International Conference on Innovative Data Communication Technologies and Application (ICIDCA)*, 2023, <https://doi.org/10.1109/icidca56705.2023.10099584>.
- [11] Fan, Honghui, et al. "People counting in elevator car based on Computer Vision." *IOP Conference Series: Earth and Environmental Science*, vol. 252, 2019, p. 032131, <https://doi.org/10.1088/1755-1315/252/3/032131>.
- [12] Pulipalupula, Meghana, et al. "Object detection using you only look once (YOLO) algorithm in Convolution Neural Network (CNN)." *2023 IEEE 8th International Conference for Convergence in Technology (I2CT)*, 2023, <https://doi.org/10.1109/i2ct57861.2023.10126213>.
- [13] Li, Chang, et al. "An improved Yolov7 lightweight detection algorithm for obscured pedestrians." *Sensors*, vol. 23, no. 13, 2023, p. 5912, <https://doi.org/10.3390/s23135912>.

- [14] Machiraju, Gayatri Sasi, et al. "Object detection and tracking for community surveillance using transfer learning." *2021 6th International Conference on Inventive Computation Technologies (ICICT)*, 2021, <https://doi.org/10.1109/icict50816.2021.9358698>.
- [15] Bin Zuraimi, Muhammad Azhad, and Fadhlán Hafizhelmi Kamaru Zaman. "Vehicle detection and tracking using Yolo and DeepSORT." *2021 IEEE 11th IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE)*, 2021, <https://doi.org/10.1109/iscaie51753.2021.9431784>.