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Nota di contenuto	<p>Intro -- Preface -- Organization -- Contents -- Comparative Analysis of Sensor-Based Human Activity Recognition Using Artificial Intelligence -- 1 Introduction -- 2 Related Work -- 3 Materials and Methodology -- 3.1 Data Collection -- 3.2 Preprocessing -- 3.3 Methodology and Models -- 3.4 Evaluation Metrics -- 4 The Results -- 4.1 Hyperparameter Tuning -- 4.2 Deep Belief Networks -- 5 Conclusion -- 6 Limitations and Future Work -- References -- A Survey on Cervical Cancer Detection and Classification Using Deep Learning -- 1 Introduction -- 2 Related Work -- 3 Materials and Methods -- 3.1 Data Collection -- 3.2 Object Detection Techniques -- 3.3 Image Classification Techniques -- 4 Models Used -- 4.1 ResNet -- 4.2 AlexNet and SqueezeNet -- 4.3 Inception V3 -- 4.4 GoogleNet -- 4.5 CapsNet -- 4.6 CervixNet -- 4.7 RetinaNet and Deep SVDD -- 5 Discussion -- 6 Conclusion -- References -- Counting Number of People and Social Distance Detection Using Deep Learning -- 1 Introduction -- 2 Existing System -- 3 Proposed System -- 4 YOLO Detector -- 5 COCO Dataset -- 6 Centroid Tracking Algorithm -- 7 Module Description -- 7.1 Detection Module -- 7.2 Social Distance Module -- 7.3 People Counting Module -- 7.4 Restriction Module -- 8 Results and Conclusion -- 9 Conclusion and Future Work -- References -- Analysis of Age Sage Classification for Students' Social Engagement</p>

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