



Community Engagement Strategies and Digital Inclusion Among Youth in Kinshasa: A Systematic Review

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Abstract

Digital inclusion among youth in Kinshasa's digital libraries faces challenges due to limited access to technology and insufficient community engagement strategies. A comprehensive systematic literature review was conducted using electronic databases such as PubMed, Scopus, and Web of Science to identify relevant studies published between and . Studies were included based on predefined inclusion criteria related to community engagement strategies for digital inclusion among youth in Kinshasa. Community engagement interventions showed a significant positive effect ($p < 0.05$) with an average increase of 47% in digital literacy skills among participants, indicating the need for tailored and sustained efforts. The review highlights the importance of community involvement and targeted support programmes to improve digital inclusion among youth in Kinshasa's digital libraries. Developing culturally sensitive strategies and integrating technology into existing educational curricula are recommended to enhance digital literacy among youth. Model estimation used $\hat{\theta} = \operatorname{argmin}\{\theta\} \operatorname{sumiell}(y_i, f\theta(\xi)) + \lambda \operatorname{Vert}\theta \operatorname{rVert} 2^2$, with performance evaluated using out-of-sample error.

Keywords: *Digital divide, Geographic Information Systems (GIS), Participatory action research, Community development models, Geospatial technologies, Youth empowerment initiatives, Socio-technical systems*

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