



Replicating Digital Literacy Workshops for Senegal's Youth Unemployment: A Yearly Job Placement Analysis

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Abstract

Digital literacy workshops have been proposed as a solution to address youth unemployment in Senegal by enhancing digital skills and employability. The methodology involves a retrospective analysis of data from previous workshops conducted by the same organisation. Participants' demographic information and post-training job placement rates are compared to determine if there is a significant improvement over time. A year after attending digital literacy workshops, participants showed an increase in job placement rates with approximately 25% more individuals securing employment opportunities compared to baseline data. The replication study confirms that digital literacy workshops are effective in enhancing employability among Senegalese youth, though further longitudinal studies are needed for comprehensive evaluation. Future research should explore the long-term impacts of these workshops and identify best practices for sustaining digital skills development in a local context. Model estimation used $\hat{\theta} = \text{argmin} \{ \theta \} \text{sumiell} (y_i , f\theta (\xi)) + \lambda | \text{Vert} \theta |$, with performance evaluated using out-of-sample error.

Keywords: *Sub-Saharan, Geographic, Quantitative, Evaluation, Retrospective, Digital, Employment*

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