

# **Analysis of Big Data Analytics for Urban Planning and Service Delivery in Cairo, Egypt in Egypt: An African Perspective**

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**K, a, t, h, e, r, i, n, e, M, a, r, s, h**

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# | Abstract

This study addresses a current research gap in Computer Science concerning Big Data Analytics for Urban Planning and Service Delivery in Cairo, Egypt in Egypt. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A qualitative approach was used, drawing on recent literature and policy sources to frame the analysis. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Big Data Analytics for Urban Planning and Service Delivery in Cairo, Egypt, Egypt, Africa, Computer Science, methodology paper This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

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