

Smart Cities and Digital Governance: Integrating Computer Engineering Innovations with Modern Political Administration

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Abstract

Smart cities represent a convergence of advanced computing technologies and efficient governance models aimed at improving urban living standards. This paper investigates the role of Internet of Things (IoT), cloud computing, and data analytics in supporting digital governance frameworks. It discusses how political administration can leverage real-time data for urban planning, transportation management, and public service delivery. The study also addresses challenges such as data privacy, infrastructure costs, and digital inequality. The research concludes that smart city initiatives can enhance transparency, responsiveness, and sustainability in modern political systems.

Keywords: Smart Cities, Digital Governance, IoT, Urban Planning, Cloud Computing, Public Administration, Data Analytics