

A study on The Role of Internet of Things (IoT) in Smart Cities

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Abstract: *This research investigates the transformative influence of the Internet of Things (IoT) within the context of smart cities. By examining the integration of IoT technologies in urban environments, the study aims to assess the multifaceted impact on infrastructure, governance, sustainability, and citizen well-being. Through a comprehensive analysis of case studies and empirical data, the research delves into how IoT-enabled smart cities enhance efficiency, resource utilization, and quality of life. Furthermore, it explores the challenges and considerations associated with the widespread implementation of IoT in urban settings. The findings contribute valuable insights to urban planners, policymakers, and technologists, fostering a deeper understanding of the implications of IoT deployment in the evolution of smarter, more connected cities.*

Keywords: Internet of Things, Urban, Transformation, Infrastructure, Integration, Governance, Sustainability