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# A Review of Recent Technology Advancements on Smart Cities and its High-Performance Applications

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## Abstract

Economic, social, and technical developments require the geographical regional development of a nation. People from various parts of the country migrate to city area where these developments are a continuous proven process. This migration (urbanization) stimulates many challenges and requires an innovative solution so as to provide a better environment to the citizens of developing countries. Many research and resolution models have been implemented to address the core issues. In this paper, we survey the necessities and issues

of urbanization, and different views of high-performed smart city applications. We also surveyed some of recent advancements of smart city's applications, development progress, and future directions of different category (e.g., domain, technology, system, and data) of common challenges. This article is a well-suited reference to the scholars and researchers for smart cities' research contribution.

## Keywords

**Smart city**     **High-performed applications**

**Artificial intelligence**     **Big data survey**

**Intelligent city**

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