

## **Automated real estate valuation disruption in the Smart Cities context**

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### ***Abstract***

*The technological revolution has given rise to a new scenario for action, the Smart Cities. This growing demand for personalization, differentiation, authenticity, sustainability and responsibility, maximization of ease of use, on-demand access and experience are determining factors in all fields and, specifically in the field of real estate valuation. Its influence in this area is transferred to the Automated Valuation Models (AVM) as tools that allow us to deal with the volume, complexity and speed of growth of massive data. Traditional models and methodologies become obsolete in the face of the intangible relationships between the new attributes of each property: its intrinsic characteristics and their urban, political, economic and social context. Among the multiple consequences that are looming in property management, three of them are worth highlighting: the valuation consultant, predictive analysis and real-time valuation. This paper aims to provide an updated framework for the future of property valuation, defining the possible consequences of managing real estate in a new sustainable way.*

**Keywords:** *Property valuation; Real estate management; Big Data; Automated Valuation Model; Artificial Intelligence; Sustainability.*

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