

IOT Landscape: Trends, Collaborative Practices, User-Centered Approaches, and Sustainable Principles

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Abstract

The Internet of Things (IoT) has emerged as a transformative force in technology, revolutionizing how we interact with devices, data, and the environment. This paper provides a comprehensive analysis of the current IoT landscape through extensive survey data collected from a diverse group of stakeholders, including industry professionals, academic researchers, and end-users. Our study delves into the latest trends shaping the IoT ecosystem, highlighting advancements in connectivity, data analytics, and artificial intelligence. This paper aims to serve as a foundational resource for researchers, practitioners, and policymakers seeking to understand the multifaceted nature of the IoT landscape and its potential to drive transformative change across various domains.

Keywords: