

EDITORIAL

Digital innovation – A driving force of change

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In the contemporary landscape, the phrase “digital innovation” has become synonymous with transformation, revolutionizing the way individuals, businesses, and societies operate. The integration of digital technologies into various facets of our lives has not only accelerated the pace of change but has also emerged as a powerful driving force shaping the future.

Digital innovation, at its core, refers to the application of digital technologies to create new or significantly improved processes, products, or services. The relentless evolution of technologies such as artificial intelligence, the Internet of Things (IoT), blockchain, and data analytics has unleashed a wave of transformative possibilities across diverse sectors. One of the key attributes of digital innovation is its inherent ability to disrupt traditional models, fostering a dynamic environment that rewards adaptability and forward-thinking.

In recent years, innovation, especially innovation in technology has received great attention in business as a strategic way for resilience. Monge and Soriano (2023), after reviewing 119 articles published in the WOS over the period 2018-April 2022, provide the most complete and up-to-date review of digitalization from a global perspective, summarizing the current state of knowledge within an integrated framework. Ndesaulwa and Kikula (2016) have considered technological innovation as a major force in economic growth and are focused on some of the most distinctive features of innovation in the highly industrialized economies of the OECD area. Although the innovation is seen as a driver for economic growth, it is not certain if digitalization and other innovations will lead to full employment or to a long-term mass unemployment (Arsic, 2020). This author adds that “the employment will depend on the speed of adjustment of education system to

technological changes and labor market requirements, as well as on the possibilities for vocational education and change in qualifications”.

The business landscape, in particular, has witnessed a paradigm shift with the advent of digital innovation. Organizations are compelled to rethink their strategies, embracing digitalization to stay competitive. From automated processes enhancing operational efficiency to data-driven insights guiding strategic decisions, digital innovation has become the cornerstone of success. Start-ups, unencumbered by legacy systems, have leveraged digital technologies to challenge established norms, giving rise to agile and disruptive business models.

In the realm of healthcare, digital innovation is transforming patient care, diagnosis, and treatment. Telemedicine, wearable devices, and health apps are revolutionizing the way healthcare services are delivered, making them more accessible and personalized. Moreover, the integration of big data analytics allows healthcare professionals to derive meaningful insights, enabling proactive and preventive healthcare strategies.

However, the impact of digital innovation extends beyond the confines of businesses and healthcare. Societies are experiencing profound changes in the way information is disseminated, communities are formed, and governments interact with their citizens. Social media, for instance, has become a catalyst for social movements, allowing people to connect, organize, and voice their opinions on a global scale. The democratization of information through digital channels has empowered individuals, reshaping the dynamics of power and influence.

Yet, with the promises of progress come challenges and considerations. The ethical implications of digital innovation, such as privacy concerns, algorithmic bias, and the digital divide, warrant careful examination. Striking a balance between harnessing the benefits of digital innovation and addressing its potential drawbacks is crucial for creating a sustainable and inclusive future.

In conclusion, digital innovation stands as a driving force of change, reshaping industries, societies, and the very fabric of our daily lives. Its transformative influence is undeniable, offering unprecedented opportunities for growth, efficiency, and connectivity. As we navigate this digital frontier, it is imperative to foster a culture of responsible innovation, ensuring that the benefits of digital advancements are equitably distributed and that the ethical considerations are given due diligence. The journey of digital innovation is ongoing, promising a future where change is not just inevitable but is driven by the limitless potential of the digital age.