



University Mohammed VI Polytechnic



From Access to Success: Exploring the intersection of digitalization and Education in developing Nations

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Introduction:

It is undeniable that our world has traversed numerous states and transitions. Each time, nations worldwide must seek equilibrium, emphasizing the necessity of each nation's contribution. This crucial step is pivotal in comprehending our research's trajectory. Our contemporary era is characterized by a revolution in science and digitalization. Humans now play an integral role in every major change in the universe. To navigate this transition effectively, every nation must actively participate. As we stand at the crossroads of time, the urgency for collective action transcends borders, affirming that each nation is a protagonist in the narrative of global development, including the potential of developing countries. Education emerges as the linchpin, illuminating the path forward, empowering minds and societies to shape their destinies. Today, as the world pivots towards an era marked by digital ubiquity, progress resonates in the harmonious fusion of education and technology.

Methods:

Our approach, rooted in scientific reasoning and leveraging technological capabilities, aims to revolutionize education from a novel perspective distinct from traditional methods. Our study will not only encompass real-world analysis but will also draw from our experiences as students, initiating the inquiry from within. This section outlines our innovative approach:

- With the objective of identifying challenges faced by developing nations, we will approach education from two angles:

- An external perspective: Delving into Education as a standalone concept, detached from its human context, followed by its integration with human experience to discern emerging dynamics and human behavioral responses. We refer to this process as the study of meta-education.

- An internal perspective: Probing the motivations behind human affinity or aversion to education, dissecting preferences among various subjects.

- We will employ a digital analysis approach, consolidating data into a numerical format for processing through contemporary technologies.

- By pinpointing areas of convergence between digital technologies and education, we will meticulously study outcomes and challenges using rigorous scientific methodologies.

Results:

Our research endeavors to accomplish the following:

- Illuminate the true essence of education.
- Establish meaningful connections between interdisciplinary studies, digitalization, and science.
- Cultivate an innovative, self-sustaining solution that demands minimal intervention.

Conclusion:

To profoundly impact developing societies through our approach, we must first grasp the essence of education, discern how humans learn, and effectively motivate them. By achieving this, these nations will chart their own course, ensuring the sustainability of our education-focused solution. Furthermore, unifying science and digital technology promises a paradigm shift in our perception, enabling us to confront today's challenges effectively. Lastly, the world stands to gain immeasurably from the contributions of developing countries employing digital technologies, viewing challenges as opportunities.

This abstract provides an overview of our research, with further elucidation to be offered in the research presentation.

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