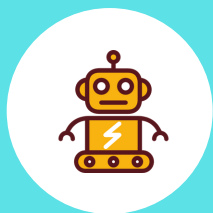


# EDUCATION, BIG DATA AND ARTIFICIAL INTELLIGENCE: MIXED METHODS IN DIGITAL PLATFORMS

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## INTRODUCTION



### Artificial intelligence,

Big Data and their intersection with education. The study presents the illustration of this interface as the platform society, capable of promoting 21st century skills.



### Mixed methods,

their application and evaluation are necessary to cope with the new educational environment.



### Big data,

humanity has not produced enough storage for the data we are producing, resulting in a limitation in terms of memory.

## METHODOLOGY

### The Age of Platforms

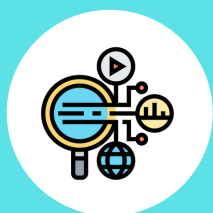
1) Netnography:  
educational experience and  
learning experience  
personalisation.

2) Competency Based Education  
(CBE):  
instructional outcomes and  
assessment efforts of students'  
mastery.

3) Four-Dimensional Model:  
communication,  
collaboration, critical  
thinking and creativity.

4) Compass and multimodal model:  
basic fundamentals, transformative  
competencies, student agency and co-  
agency, and the anticipation-action-  
reflection cycle.

## CONCLUSIONS



The applications of technology in education can be closely related to pedagogical models as a means of storing and sharing information.



In education, ethical arguments raise questions about the significant contributions made through technological efforts.



An in-depth understanding of technology as it relates to education and an exploration of the methods used to investigate, apply and evaluate these features.

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