

Learning Analytics in a HiFlex Learning Environment

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Abstract : Student engagement within a virtual learning environment generates masses of data points that can significantly contribute to the learning analytics that lead to decision support. Ideally, similar data is collected during student interaction with a physical learning space, and as a consequence, data is present at a large scale, even in relatively small classes. In this paper, we report of such an occurrence during classes held in a HiFlex modality as we investigate the advantages of adopting such a methodology. We plan to take full advantage of the learner-generated data in an attempt to further enhance the effectiveness of the adopted learning environment. This could shed crucial light on operating modalities that higher education institutions around the world will switch to in a post-COVID era.

Keywords : HiFlex, big data in higher education, learning analytics, virtual learning environment

Conference Title : ICEDL 2023 : International Conference on Education and Distance Learning

Conference Location : Rome, Italy

Conference Dates : August 24-25, 2023