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**International EdTech Conference 2023 : Submission (34) has been created.**

1 message

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Fri, Jun 30, 2023 at 11:11 AM

Hello,

The following submission has been created.

Track Name: IEdTC2023

Paper ID: 34

Paper Title: A Compatible Model for Hybrid Learning and Self-Regulated Learning During the COVID-19 Pandemic Using Machine Learning Analytics

**Abstract:**

The research has identified 3 objectives: to study the context of hybrid learning management with self-regulated learning style strategies during the COVID-19 pandemic, to develop a data science model for hybrid learning management with self-regulated learning style strategies during the COVID-19 pandemic, and to study the students' learning achievements with the developed model. The data collection was the 44 students who controlled the self-regulated learning styles in hybrid learning situations during the COVID-19 pandemic. The research tool consisted of statistical and supervised machine learning tools based on descriptive and predictive analytics principles. The model performance evaluation employed a confusion matrix and cross-validation techniques for testing. The research findings show that learners' contexts in the COVID-19 pandemic have different learning behaviors and achievement styles under hybrid learning management strategies.

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**Submission Questions Response:**

1. Tracks

The Research Track

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