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Artificial Intelligence (ai) Learning Environment: the Affiliation of Student Commitment with Overall Outcome

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Abstract

The study aimed to investigate the impact of student commitment in overall outcome in the Artificial Intelligence (AI) learning environment. A quasi-treatment research design and a database of students' academic achievements to get secondary data were used in the study. A random cluster sample of students from the bachelor's degree program was taken. The study found that approximately 58.7% of the variance for the treatment group and 78.2% for the non-treatment group in overall outcome can be explained or accounted for by student commitment differences. At the same time, Robust Tests of Equality of Means (Welch) show that the p-value for the treatment group is .000, and for the non-treatment group is .001, which means that the null hypothesis was easily rejected. This indicates that student commitment strongly influences the students' overall outcome.

Keywords: Artificial Intelligence (Ai) Learning Environment, Student Commitment, Overall Outcome.