

## REVIEWER'S REPORT

Manuscript No.: IJAR-55787

**Title:** COMPARATIVE ANALYSIS OF MACHINE LEARNING AND DEEP LEARNING APPROACHES FOR PREDICTING STUDENT DROPOUT IN HIGHER EDUCATION: A CASE STUDY OF THE VIRTUAL UNIVERSITY OF IVORY COAST.

### Recommendation:

Accept as it is .....yes.....  
 Accept after minor revision.....  
 Accept after major revision .....  
 Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality	✓			
Clarity	✓			
Significance	✓			

Reviewer Name: Mr. Javaid Ahmad Khan

## Detailed Reviewer's Report

This research addresses the research: 'Which predictive models enable early identification of at-risk students, and what variables constitute relevant signals in this phenomenon?' In this paper the Abstract is written in a detailed format in which all things have been mentioned properly and also keywords are given properly. In the introduction part, the researcher has made link of introduction with the title and has given a detailed background effectively. But the research gap has not been given properly. However, the Methodology is given in a proper way. Also research questions or objectives are given in proper way. In addition to this, Results are given with properly and they are given with statistical proofs. Also there are educational implications, limitations and further suggestions given in this manuscript. Thus, this paper is accepted as it is.

### Reason for Acceptance as it is

All things are good and with proper way. Abstract is written in good format with all important things such as sample, method, findings etc. In the introduction part, the researcher has made link for the title and has given background of study. Also research questions or objectives are given properly. In addition to this, Results are given with proper way and they are given with statistical proofs. Researcher has given discussion on results in detail with making comparisons. Also, further suggestions are given in this manuscript. Thus, this paper can be accepted as it is.

### Abstract

Abstract is given in a proper way with all important things such as methods, sample, objectives, results etc. Also keywords are given that is must.

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### Introduction

In the introduction part, the researcher has tried to link the introduction with the title and has given a detailed background. Also, researcher has provided the citations properly.

### Methodology

Methodology is given in a proper way with research questions or objectives.

### Results

The result section is also given in a proper way in this manuscript. The findings are given in detail and with statistical proofs.

### Discussion

The discussion section in this study is present in a detail. Also there has been made comparison of findings with findings of previous studies by the researcher. In addition to this, further suggestions have been provided by the researcher by which the validity of research papers increases and becomes more effective.

### Conclusion

Overall the research paper is good and important, so this article can be accepted as it is.