Title of the Research:

- Intelligent Analysis of Students' Performance in Nigerian Schools: A Multi-Layer Perceptron-Based Prediction

Authors:

- Esther SamuelAlu, Rashidah Funke Olanrewaju, Afolayan A. Obiniyi,  Muhammad Dahiru Liman

Date of Publication or Conference:

- 17-19 August 2023

Title of publication or conference proceeding:

- 2023 12th International Conference on Advanced Computing (ICoAC)

What is the problem being solved in the research?
- The problem needed to be solved is why students in public schools have a weaker performance than private schools.

What is the proposed solution of the author/s?
- The proposed solution of the author is presenting data result analysis in finding out what cause of student's failure in public schools rather than private schools

How did the author/s solve the problem/s? Provide a summary of the methodology
- The authors used questionnaires for answering students' failure in public schools and developing two models which are a predictive model and a model for detecting important features. The authors find out that the cause of student's failure in public schools is lack of facilities.

Provide a summary of the results.
-

What is the conclusion of the author/s and provide your own recommendations on the paper.
- The authors suggest that some students provide a portable drinking water, electricity, enough seats for students one by one, and having limits of students in one class.

Title of the Research:
- Crime Detection Using Multi-Layer Perceptron in Social Media Platforms

Authors:
- J. Sathya; F. Mary Harin Fernandez

Date of Publication or Conference:
- 17-19 August 2023

Title of publication or conference proceeding:
- 2023 12th International Conference on Advanced Computing (ICoAC)

What is the problem being solved in the research?
- The problem needed to be solved is identifying and detecting crimes on social media

What is the proposed solution of the author/s?
- The proposed solution of the authors is using Multiple Layer Perceptron that is used for crimes in social media by analyzing text and videos posted.

How did the author/s solve the problem/s? Provide a summary of the methodology
- The authors made a framework and constructed a prototype which can automatically categorize the purpose of people posting in social media.

Provide a summary of the results.
-

What is the conclusion of the author/s and provide your own recommendations on the paper.
- The conclusion of authors is that they suggest the Multiple Linear Perceptron for helping agencies in detecting criminal activity on many platforms. I think the author's solution is a big help when it comes to a crime, especially on social media.