

**Project Proposal**

**Student performance on Math**

**Course Code: CSE-366**

**Course Name: Artificial Intelligence**

**Course Instructor: Amit Kumar Das**

**Section: 3**

**Group Members**

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| **2019-1-60-167** | **Plabon Banik** |

**Semester: Fall 2021**

**Introduction**

We wanted to work on a data set that helps us find the math scores of students. Still,

due to the unavailability of resources, we are working on a foreign data set taken from Kaggle

([Student Performance Analysis | Kaggle](https://www.kaggle.com/roshansharma/student-performance-analysis/data?fbclid=IwAR3jTDy99Tx_IGN9t4lzVCK4GQXKOzI7ZxZA6USlyxlSKRCLeqqC688uojY)).This dataset can be replaced by any school’s of Bangladesh. We are planning to use a decision tree or Random forest with a neural networking algorithm & logistic regression to get a standard output. We may include any other algorithms if we find them more appropriate.

**Motivation**

In these datasets, we can see the performances of students where we will find out the math scores of them. Result of a student depends on different reasons. We are trying to figure out how the math score of students depends on parents qualification, food much more. We will try to predict the score based on these attributes. As we know, this subject increases logical thinking in the human brain, this model will help us increase the math score/performance of a student by predicting the reasons.

**Conclusion**

We are hoping that this effort will offer us a very near or accurate approximation to the real-life result. If this idea is effective, it will help to detect important facilities to increase acknowledgement about math. In order to get a better outcome, we will implement some various types of algorithms in this project.