

## SUMMARY

Machine Learning and Artificial Intelligence are indeed becoming the practical tools of technological advancements in today's modern world across different sectors. Machine Learning Enhances how businesses, both private and public sectors interact with one another for optimized solutions. The traditional Machine learning supervised classification algorithms were used for the scripts and the model developed for this project is rather code based. This project, 27 however, can be extended and improved into a usable application that operates on a suitable predictive analysis. The results obtained may contain some bias, but it does achieve the end goal. Different results are obtained for the different algorithm used. It is also observed that similar systems exist already, but there is no concrete application of using such systems in universities to actually predict a student drop Out. In Conclusion, it should be stated that applying Machine learning in the education system is practically a viable academic and cost saving solution. Machine Learning in the world today is already driving control and profits of various organizations and institutions in today's world. However, new developments and applications sprout up each day.