Acharyaet al. [1] proposed a comparative approach by developing four machine learning regression models: linear regression, support vector machine, decision tree and random forest for predictive analytics of graduate admission chances. Then compute error functions for the developed models and compare their performances to select the best performing model out of these developed models the linear regression is the best performing model with R2 score 0.72. Janani Pet al.

[2] proposed a developed project uses machine learning technique specifically a decision tree algorithm based on the test attributes like GRE, TOEFL, CGPA, research papers etc. According to their scores the possibilities of chance of admit is calculated. The developed model has 93% accuracy. Navoneel Chakrabartyet al.

[3] proposed a comparison of different regression models. The developed models are gradient boosting regress or and linear regression model. Gradient boosting regress or have to score of 0.84. That surpassing the performance of linear regression model. They computed different other performance error metrics like mean absolute error, mean square error, and root mean square error. Chithra Apoorva et al.

[4] proposed different machine learning algorithms for predicting the chances of admission. The models are K- Nearest Neighbour and Linear Regression, Ridge Regression, Random Forest. These are trained by features have a high impact on the probability of admission. Out of the generated models the linear regression model have 79% accuracy.