

REPORT ON INTERNSHIP

MACHINE LEARNING INTERN

UNDER THE COMPANY

“PANTECH SOLUTIONS”

Delta Chambers, Punjagutta officers Colony, Ameerpet,
Hyderabad, Telangana 500082

SUBMITTED BY:

YERRAGONDU NIKHIL REDDY

19103372

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

GURU GHASIDAS VISHWAVIDYALAYA

School of Studies Engineering and Technology,

BILASPUR, INDIA

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CERTIFICATE



Introduction

XgBoost stands for Extreme Gradient Boosting, which was proposed by the researchers at the University of Washington. It is a library written in C++ which optimizes the training for Gradient Boosting.

Boosting:

Boosting is an ensemble modelling, technique that attempts to build a strong classifier from the number of weak classifiers. It is done by building a model by using weak models in series. Firstly, a model is built from the training data. Then the second model is built which tries to correct the errors present in the first model. This procedure is continued and models are added until either the complete training data set is predicted correctly or the maximum number of models are added.



Boosting