COMPARATIVE ANALYSIS OF TWO ALGORITHMS FOR INTRUSION ATTACK CLASSIFICATION USING KDD CUP DATASET

N.S.CHANDOLIKAR[1] & V.D.NANDAVADEKAR[2]

[1]Reader, Vishwakarma Institute of Technology, Pune, India

[2]Director –MCA, Sinhgad institute of management, Pune, India

ABSTRACT

In today's interconnected world , one of pervasive issue is how to protect system from intrusion based security attacks. Significance of Intrusion detection system (IDS) in computer network security well proven . Mining approach can play very important role in developing intrusion detection system. Classification is identified as an important technique of data mining. This paper evaluate performance to two well known classification algorithms for attack classification. Bayes net and J48 algorithm are analyzed The key ideas are to use data mining techniques efficiently for intrusion attack classification.

KEYWORDS: Intrusion Detection System, Bayes Net, J48 Classification Algorithm.