



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_51106
Title of the Manuscript:	Credit Card Fraud Detection Using Autoencoder Model in Unbalanced Datasets
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	This paper aims to propose an efficient method that detects fraud credit card related to insurance companies using a new method based on neural networks of type Autoencoder. After an apt introduction, literature survey of recent papers is conducted with a conclusion that decision tree algorithm outperforms SVM algorithm. The experimental setup and the proposed pseudo code are also presented satisfactorily. The results, comparison and conclusion are also suitably presented with good tabular work and diagrams. In the conclusion, it is also notified that the concerned algorithm also provides a solution to avoid the problem of data balancing experienced by many of the algorithms currently used	
Minor REVISION comments	NONE	
Optional/General comments	NONE	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)



[SDI Review Form 1.6](#)

Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	
--	--	--

Reviewer Details:

Name:	<i>M. Bhanu Sridhar</i>
Department, University & Country	<i>GVP College of Engineering for Women, India</i>