

S. No	Title of the Research Article	Author(s)	Name of the Journal, Volume, Issue & Year of Publication
1	Credit Card Fraud Detection Using ANN	Abdel Wedoud Oumar, Peter Augustin D	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
2	Credit Card Fraud Detection using Deep Learning Technique	Ministry of Transport and Infrastructure, Bucharest, Romania	Informatica Economică vol. 25, no. 1/2021
3	CREDIT CARD FRAUD DETECTION USING ARTIFICIAL NEURAL NETWORK (ANN) ALGORITHM	Sara Sangeetha E.G1, Thamarai Selvi.M2, Sirija.M3 , Reena.R4	International Research Journal of Engineering and Technology (IRJET) Volume: 09 Issue: 07 July 2022
4	Credit Card Fraud Detection Using Artificial Neural Network	Asha R B, Suresh Kumar K R	Global Transitions Proceedings(2021)

ature Review of the Research

Frame work /Protocol/Algo./ Methodology used	Parameters Considered in their work	Limitations/Drawba cks identified
ANN and Logistic regression	Recall Precision F1 score	0.172% of all the transactions being fraudulent
Creating the Neural Network	Recall Precision F1 score	Time consuming due to complex neural network
SVM and ANN	Recall Precision F1 score	It produces lot of tables with relatively small number of columns. Data restrictions. • Requires huge processing time.
KNN, SVM & ANN	Recall Precision F1 score	Maximum time complexity

Scope you have identified to work on this approach and to rectify their Limitations	Targeted Parameter			
Sampling methods to increase the sample space of fraudulent transactions	Accuracy			
To reduce ANN complexity using simple activation function or less no of layers	Percentage accuracy			
This model can further be improved with the addition of more algorithms into it.	Need to create and implement a model that's fit well and predicts at higher accuracy.			
data pre-processing, normalization and under-sampling carried out to overcome the problems faced by using an imbalanced dataset.	Need of developing a model that's fit well and predicts at higher accuracy.			

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