Abstract

We use a data mining framework that is based on evaluating four types of neural networks, and that uses data obtained from regular records collected from banks, to produce a classification conclusion on "who are money laundering and who are not". This will be attained by evaluating the outcomes of various types of neural networks, namely, the Multi-Layer Perceptron Neural Network (MLP), Probabilistic Neural Network (PNN), Radial Basis Function (RBF) and Linear Neural Network (LNN). Then compare these outcomes with standard statistical results. Creating by this an accurate and fast basis for decision-making which otherwise could take days or even months.

References

2. Jiawei, Han.,Kamber,Micheline.,Pei, Jian.,Mar 2011 Data Mining Concepts and
Techniques 3rd,Morgan Kaufmann Publishers.


13. X,Ni.,2008 Research of Data Mining Based on Neural Networks, World Academy of Science, Engineering and Technology.


Index Terms

Computer Science Information Sciences

Keywords

anti-money laundering, money laundering, Electronic Crimes, Intelligent Modeling, Neural Networks, classification, artificial Neural Networks.