Editorial

We present the last issue of this volume of the **Information Security Education Journal,** featuring the research papers below.

In the opening paper, "**Backpropagation Artificial Intelligence with Grey System Theory**," the authors advocated an early-warning system for corporate financial risk using an improved Backpropagation neural network integrated with grey system theory. To address this issue, they constructed a three-layer Grey BP neural network model. Experimental results show high prediction accuracy, and finally, they concluded that the Grey BP neural network effectively identifies emerging financial risks, offering enterprise managers a reliable tool for proactive risk mitigation.

In the second paper, "**Recommender System Model for Security Teaching in the Higher Education System**," the author proposed an intelligent secure education system tailored for college students using personalized recommendation technology. The model proposed includes components such as user management, resource management, recommendation algorithms, and user interfaces into a cohesive architecture. The study concluded that personalized recommendation systems significantly enhance secure education by aligning content with individual student needs, and it calls for further refinement through user feedback.

In the last paper, "**A Study of the System Failures in the Network Security Using Information Processing**," the author studied common cause failures (CCFs) in secure computer operating systems using data mining techniques. The author used a novel Common Cause Failure Score to quantify and compare security performance across systems. Using association rule mining and decision tree algorithms. The findings indicated that integrating multiple data mining approaches enhances the accuracy of failure prediction, root cause analysis, and risk mitigation strategies.

We plan to bring more research in the forthcoming volume.

Editors