

Review of: "Application of Data Mining Combined with K-means Clustering Algorithm in Enterprises' Risk Audit"

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Potential competing interests: No potential competing interests to declare.

This paper focuses on the audit problem of e-commerce transactions and proposes an RF LightGBM e-commerce enterprise risk audit model that combines the K-means clustering algorithm with the random forest algorithm. This is a good idea. This paper studies the payment process in the transaction process of e-commerce enterprises, which includes operational processes such as data preparation, data preprocessing, model construction, model application, and evaluation. The RF LightGBM model includes the generation of training sets, the construction of decision trees, and the formation and implementation of algorithms. This paper conducted experimental verification and analysis on the risk audit model of e-commerce enterprises using Jingdong Mall business data.

The description of experimental data characteristics and processes in the paper is not detailed enough. The use of classification accuracy, data message delivery rate, leakage rate, packet loss rate, and average delay as risk audit indicators for data transmission security cannot reflect the characteristics of e-commerce.