METHOD, APPARATUS, AND DEVICE FOR TRANSACTION RISK CONTROL BASED ON GRAPHICAL STRUCTURE MODEL

ABSTRACT

Implementations of the present specification disclose a method, apparatus, and device for transaction risk control based on a graphical structure model. A solution includes the following: building a suitable transaction data network in advance based on user transaction-related data, performing feature integration and defining a graphical structure model, training the graphical structure model by using labeled samples, calculating, by using the trained graphical structure model, embedding vectors of nodes obtained after a plurality of iterations in a latent feature space and a prediction probability of the nodes, and performing user transaction risk control on the nodes based on the embedding vectors and the prediction probability.

FIG. 3