

PREDICTION MODEL TRAINING METHOD AND APPARATUS

ABSTRACT

Embodiments of this specification provide a prediction model training method applied to a first party in a plurality of parties. The method includes: performing vertical split learning with
5 another party in the plurality of parties based on a first original feature and a sample label of a common sample in the plurality of parties, so that the plurality of parties correspondingly obtain a plurality of trained feature extraction models, and the first party further obtains a trained fused feature processing model; obtaining a target fused feature of the common sample, where the target fused feature is obtained by performing fusion processing on a plurality of extracted features
10 output for the common sample by the plurality of feature extraction models; processing the first original feature by using a target model to obtain a target extracted feature; processing the target extracted feature by using the trained fused feature processing model to obtain a target prediction result; and training the target model based on the target prediction result, the corresponding sample label, the target extracted feature, and the target fused feature, where the target model is used to
15 construct a trained prediction model with the fused feature processing model.

FIG. 3