

ABSTRACT**PREDICTION METHOD AND APPARATUS, READABLE MEDIUM AND
ELECTRONIC DEVICE**

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The present invention discloses a prediction method and apparatus, a readable medium and an electronic device. The method includes: determining feature information of a target device and detection point data information corresponding to the target device; determining, based on the feature information of the target device and the detection point data information corresponding to the target device, a probability distribution model of feature data of the target device and a probability distribution model of detection point data with unshared data; determining a weight of the unshared data according to the probability distribution model of the feature data and the probability distribution model of the detection point data; establishing a federated learning model according to the unshared data, the weight of the unshared data and a device fault label corresponding to the unshared data; and predicting a device fault of the target device according to the federated learning model. With the technical solution according to the present invention, the unshared data may be migrated to the target device to establish a relationship between the feature data and device faults of the target device without sharing feature data between devices, thereby ensuring data security.

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(FIG. 1)