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ICS 33.020
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4521-2023

Telecom data specification data model for machine learning

面向机器学习的电信数据规范 数据模型

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4521-2023

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1 Foreword

YD/T 4521-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the basic principles of telecommunications data modeling for machine learning, and describes and illustrates the types, levels and associations of telecommunications data models. This standard applies to the application process of telecom data for machine learning, and guides data owners and data service providers such as telecom network operators, equipment vendors, service providers, software developers, etc. to carry out data-oriented operations on the premise of ensuring data security and personal information. The processes of collection, data storage, data operation and data usage unify data management related work and promote the effective application of telecommunications data for machine learning applications.

YD/T 4521-2023 falls under ICS 33.020, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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In this catalogue, YD/T standards carry edition years from 1982 to 2026.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 4531-2023 - Interface requirements for virtualized broadband remote access servers based on separation of forwarding and control

YD/T 4530-2023 - Technical requirements for distributed telephone number mapping (ENUM) system based on Unified IMS (Phase 2)

YD/T 4522-2023 - Telecom data specifications for machine learning Data quality

5 Classification and status

International classification (ICS): 33.020

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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