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ICS 33.020
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4522-2023

Telecom data specifications for machine learning Data quality

面向机器学习的电信数据规范 数据质量

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4522-2023 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 general principles, general processes and evaluation methods for quality management of telecommunications data, and evaluates the standardization, completeness, accuracy, usefulness, consistency, appropriateness, timeliness and interpretability of telecommunications data sets. Indicators related to dimensions such as reliability are defined and illustrated with examples. The telecommunications data types defined in this standard are mainly structured data and do not involve unstructured and other complex types of data such as natural language and images.

YD/T 4522-2023 falls under ICS 33.020, in the field of telecommunications.

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

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

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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 4521-2023 - Telecom data specification data model for machine learning

5 Classification and status

International classification (ICS): 33.020

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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