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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4394.2-2023

Natural Language Processing Technology and Product Evaluation Methods - Part 2: Dialogue Systems

自然语言处理技术及产品评估方法 第2部分：对话系统

(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-4394-2-2023

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1 Foreword

YD/T 4394.2-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

It is one of 8 parts of the YD/T 4394 series.

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.

2 Scope Preview

This standard specifies the evaluation content, methods and requirements for intelligent dialogue systems based on basic natural language processing technology. It is mainly evaluated from four dimensions: dialogue type, dialogue function, dialogue performance and dialogue experience. This standard is suitable for guiding third-party evaluation agencies in the evaluation and acceptance of intelligent dialogue systems.

YD/T 4394.2-2023 falls under ICS 35.240, in the field of information technology.

This catalogue holds 725 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

Other parts of this standard:

YD/T 4394.1-2023 - Natural language processing technology and product evaluation methods - Part 1: Basic service platform

YD/T 4394.3-2023 - Part 3: Intelligent Translator

YD/T 4394.4-2023 - Natural language processing technology and product evaluation methods - Part 4: Machine simultaneous interpretation system

YD/T 4394.5-2023 - Natural language processing technology and product evaluation methods - Part 5: Intelligent customer service system

YD/T 4394.6-2023 - Natural language processing technology and product evaluation methods - Part 6: Customer service quality inspection system

YD/T 4394.9-2026 - Natural language processing technology and product evaluation method - Part 9: opinion mining system

YD/T 4394.10-2025 - Natural language processing technology and product evaluation method - Part 10: Knowledge-based question answering system

Standards on related subjects:

GB/T 36073-2018 - Data management capability maturity assessment mode

5 Classification and status

International classification (ICS): 35.240

Chinese Standard Classification (CCS): L 67

Prefix YD/T: recommended standard.

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