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Artificial intelligence - Technical requirements of dataset for steel industry large model

人工智能 钢铁大模型数据集技术要求

(English Translation)

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Foreword

GB/Z 231-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

It is under the responsibility of the Standardization Administration of China.

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1 Scope

Technical requirements for datasets used to build large models for the steel industry are covered by this guiding technical document. Data quality and structure strongly affect how well an industry-specific large model performs, so the document is aimed at steel producers, industrial software and AI vendors, data service providers and research teams that assemble or evaluate such datasets.

It belongs to a group of artificial intelligence guidance documents on industry large models and gives recommendations rather than compulsory rules, because GB/Z status means adoption is voluntary.

Anyone planning data collection, annotation or acceptance checks for metallurgy-oriented AI projects in China can use it to see how a national reference frames dataset expectations, and to align internal specifications with it. Buyers of datasets can also use it when writing delivery conditions with data suppliers. It was issued on 27 August 2026 by the Standardization Administration of China.

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