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Maturity assessment method for data management capability

数据管理能力成熟度评估方法

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Foreword

This document was issued on 30 December 2022 by the State Administration for Market Regulation; Standardization Administration of the PRC and takes effect on 1 July 2023.

It is a GB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer applies when assessing a submission.

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Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents.

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Data management capability maturity assessment method

1 Scope

GB/T 42129-2022 turns the data management capability maturity model of GB/T 36073 into a procedure that someone can actually run and defend. The principles governing an assessment come first, then the assessment process itself, broken into a preparation phase, a formal assessment phase and a results confirmation stage that closes the loop with the organisation being assessed. The judgment method follows: how weights are assigned to the capability domains, how scores are calculated from them, and how the calculated figure maps onto a maturity level. A normative annex carries the correspondence table between how far a maturity requirement is satisfied and the score it earns, and that table is the part that stops two assessors reading the same evidence and reporting different

levels. Without it a maturity level is an opinion, and the organisations that publish such a rating, or buy from a supplier that holds one, have no way to compare two results or to repeat the exercise a year later and see movement. Written for assessment bodies and their assessors, and for the data governance teams inside enterprises that commission or prepare for an assessment.

This document specifies the assessment of data management capability maturity assessment based on GB/T 36073 "Data Management Capability Maturity Assessment Model"

Principles, assessment process, and methodology for determining maturity levels.

This document is applicable to data management capability maturity assessment activities.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references

For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

this document.

GB/T 36073-2018 Data Management Capability Maturity Assessment Model

3 Terms and Definitions

The following terms and definitions defined in GB/T 36073-2018 apply to this document.

3.1

assessment criteria assessment criteria

A set of policies, procedures or requirements for comparison with assessed evidence.

[Source. GB/T 19011-2021, 3.7, modified]

3.2

assessment findings

The result of evaluating the collected evaluation evidence against the evaluation criteria.

[Source. GB/T 19011-2021, 3.10, modified]

3.3

Individual organizations applying for data management capability maturity assessment.

3.4

Assessment agency assessed organization

Organizational individuals with official authorization to carry out assessment work.

3.5

assessment authority

An organizational entity that coordinates and manages the assessment of data management capability maturity.

4 Abbreviations

The following abbreviations apply to this document.