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City data governance capability maturity model

城市数据治理能力成熟度模型

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Foreword

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Urban Data Governance Capability Maturity Model

1 Scope

This document provides a city data governance capability maturity model, as well as the guarantee elements and governance process of city data governance.

This document applies to the planning, construction, operation and evaluation of urban data governance systems.

2 Normative references

GB/T 35295-2017

3 Terms and definitions

The terms and definitions defined in GB/T 35295-2017 and the following apply to this

document.

3.1 City Data

Organizations with the function of managing public affairs and providing public services within the city shall be subject to Data collected, generated or obtained in the course of business operations.

3.2 Data Governance

A collection of related control activities, performance and risk management in data resources and their application process.

[Source. GB/T 34960.5-2018, 3.1]

3.3 City data governance

Activities that govern urban data resources with the goal of enhancing the overall value of urban data.

3.4 Organization

An individual or group of people who have their own responsibilities, authority, and relationships to achieve their goals.

Note. The concept of organization includes, but is not limited to, a sole proprietor, company, legal person, firm, enterprise, institution, partnership, charity or institution, or any part or all of them.

association, whether incorporated or not, public or private.

[Source. GB/T 25069-2022, 3.816]

3.5 Department

A functional unit within an organization that performs specific tasks.

3.6 data architecture

A general term for various architectures that carry out data applications around the organizational business architecture under the protection of information technology infrastructure and related technologies.