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Information technology - Artificial intelligence - Data life cycle framework (ISO/IEC 8183:2023)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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8183:2023)

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Rahmenwerk für den Datenlebenszyklus (ISO/IEC
8183:2023)

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EN ISO/IEC 8183:2024 (E)

| Contents | Page |
|-------------------------------|-------------|
| European foreword..... | 3 |

European foreword

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STANDARD**

**ISO/IEC
8183**

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**Information technology — Artificial
intelligence — Data life cycle
framework**



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Contents

Page

| | |
|--|-----------|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 1 |
| 4 Symbols and abbreviated terms | 1 |
| 5 Data life cycle overview | 1 |
| 6 Data life cycle framework | 2 |
| 6.1 General..... | 2 |
| 6.2 Stage 1: Idea conception..... | 3 |
| 6.3 Stage 2: Business requirements..... | 4 |
| 6.4 Stage 3: Data planning..... | 4 |
| 6.5 Stage 4: Data acquisition..... | 5 |
| 6.6 Stage 5: Data preparation..... | 5 |
| 6.7 Stage 6: Building a model..... | 6 |
| 6.8 Stage 7: System deployment..... | 6 |
| 6.9 Stage 8: System operation..... | 7 |
| 6.10 Stage 9: Data decommissioning..... | 7 |
| 6.11 Stage 10: System decommissioning..... | 7 |
| 7 Stages and processes within the data life cycle | 7 |
| Bibliography | 10 |

ISO/IEC 8183:2023(E)

Foreword

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Introduction

Artificial intelligence (AI) systems are being adopted by organizations of all types, sizes and purposes. Data are essential to the development and operation of AI systems.

In the field of AI systems, there are many data life cycles in use and under consideration for different purposes (e.g. data quality, bias in data, data governance, development and use of AI systems). Without an overarching framework, these different data life cycles can be challenging to correctly interpret by those without previous knowledge, context and expertise. There is a risk that these multiple data life cycles will not be applied as intended.

This document provides a data life cycle overview in [Clause 5](#), describes a data life cycle framework in [Clause 6](#) and provides more information on the stages or processes of the data life cycle in [Clause 7](#).

Information technology — Artificial intelligence — Data life cycle framework

1 Scope

This document defines the stages and identifies associated actions for data processing throughout the artificial intelligence (AI) system life cycle, including acquisition, creation, development, deployment, maintenance and decommissioning. This document does not define specific services, platforms or tools. This document is applicable to all organizations, regardless of type, size or nature, that use data in the development and use of AI systems.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 22989, *Information technology — Artificial intelligence — Artificial intelligence concepts and terminology*

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