DIN DKE SPEC 99001:2022-05 (E)

Definition of a success method for labelling data for artificial intelligence training - Application focus: Question-Answering; Text in English

Contents

Page

Foreword ... 3

Introduction ... 4

1 Scope ... 5

2 Normative references ... 5

3 Terms and definitions ... 5

4 Abbreviations ... 8

5 Overview ... 8

6 Process Goals & Quality Requirements ... 9
6.1 Process Goals ... 9
6.2 Requirements for label questions ... 9
6.3 Requirements for label answers ... 10
6.4 Sets of Labels ... 11

7 Process Requirements ... 11
7.1 General Process Characteristics ... 11
7.2 Onboarding & Training ... 12
7.3 Quality Control & Assurance ... 13
7.4 Ergonomics & Tooling ... 14
7.4.1 General ... 14
7.4.2 Administration ... 14
7.4.3 Preparation ... 15
7.4.4 Ergonomics ... 15

Annex A (informative) Informative Content on QCA Mechanisms ... 17
A.1 Quality Control & Assurance Mechanisms ... 17
A.1.1 General ... 17
A.1.2 Benchmark Questions ... 17
A.1.3 Quality Audit ... 17
A.1.4 Consensus (Standard and Unique Questions) ... 18
A.2 Strengths and Weaknesses of the Mechanisms ... 19
A.3 Implication for QCA Mechanism Selection ... 19

Bibliography ... 21

Figures

Figure 1 — The four pillars of labelling quantity and quality ... 9

Tables

Table 1 — Correct label answers ... 10

Table A.1 — Comparison of QCA mechanisms ... 19