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| **ITU-T Focus Group on AI for Health** | |
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| **Source:** | | Editor | | |
| **Title:** | | DEL07A: AI4H evaluation process description (outline) | | |
| **Purpose:** | | Discussion | | |
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| **Abstract:** | The present document proposes an outline for the future deliverable “AI4H Evaluation Process Description”. Background: The ITU/WHO Focus Group on Artificial Intelligence for Health (AI4H) has proposed a list of deliverables (at meeting “G” in New Delhi in November 2019), including this “AI4H Evaluation Process Description”, which belongs to a set of four deliverables under the umbrella of the “AI4H Evaluation Specification”. |

*Call for Participation*

If you are interested in contributing to the *AI4H Evaluation Process Description*, please contact the editor of this document (Sheng Wu; [wus@who.int](mailto:wus@who.int)) and the Secretariat of the Focus Group ([tsbfgai4h@itu.int](mailto:tsbfgai4h@itu.int)) using a descriptive e-mail-subject, briefly introduce yourself, describe your relevant expertise, and explain your interest.

*Expertise profile of potential contributors*

1. Technical research experience and proven achievements in Artificial Intelligence in prestigious universities or research institutes;

2. Proven high capacity in AI model and algorithms research;

3. Proven interest in AI application in healthcare;

4. Good understanding of global development and policy-making;

5. Capacity to contribute to discussions from Big Data, Great Computing Power, and Clever Algorithms in a systematic way;

6. Capacity to contribute to discussion at in-depth and frontier level regarding evaluation testing principle highly desirable.

*Time plan (first draft, release 1)*

4 months for the first draft to be submitted.

*Target audience*

Main audience: Policy-maker in government, researchers

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AI for Health Evaluation Process Description (Outline)

# Objectives

The AI4H evaluation process description serves as overview of the state of the art of AI evaluation principles and methods and a forward-looking initiator for the evaluation process of AI4H. This process description includes a review of existing evaluation principles and methods, evaluation need and solutions specific for AI4H. It will also look into ethics and risks aspects of AI4H evaluation. Furthermore, based on the fundamentals of AI, the description will gain insights on the direction of how the current evaluation methods evolve towards the concept of REAL AI.

# Evaluation Process of AI4Health (one contributor)

## Evaluation Principles and Methods of AI

(…)

## Evaluation Need for AI4Health and Evaluation Gaps

(…)

## Evolution Framework for AI4Health

(…)

## AI4Health Evaluation Application Scenario

(…)

# Evaluation of AI4Health: Key Issues (one contributor)

## Ethics of AI4Health

(…)

## Risk of AI4Health

(…)

## Prequalification of AI4Health

(…)

# Evaluation Process and Development of AI4Health (one contributor)

## Evolvement of Evaluation Process of AI4Health

(…)

## Evaluation and REAL AI

(…)

# Bibliography

Format: APA bibliography style.

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