

Consumer
Technology
Association™

ANSI/CTA Standard

Definitions/Characteristics of Artificial
Intelligence in Health Care

ANSI/CTA-2089.1



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(Formulated under the cognizance of the CTA **R13 Artificial Intelligence Committee.**)

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FOREWORD

This standard was developed by the Consumer Technology Association's R13 Artificial Intelligence and R13 WG 1 Artificial Intelligence in Health Care.

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Definitions/Characteristics of Artificial Intelligence in Health Care

1 SCOPE

This standard defines terms related to artificial intelligence and associated technologies in health care.

NOTE: CTA-2089, *Definitions and Characteristics of Artificial intelligence* has been attached as an appendix to this document.

2 REFERENCES

2.1 Normative References

The following standards contain provisions that, through reference in this text, constitute normative provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed here.

2.2 Normative Reference List

1. Definitions and Characteristics of Artificial Intelligence, CTA-2089, December 2019, <https://cta.tech/standards>

3 INTRODUCTION/ASSUMPTIONS

Artificial Intelligence (AI) as a concept is not new and has fundamentally been around since the development of digital computing but as technology advances it is becoming clear that people are ever more demanding with their interactions with devices and systems.

When successfully implemented, people may find greater satisfaction from the convenience of automated self-service systems than they do in dealing with the inevitable shortcomings of human-to-human interaction. People also want instant access to information, goods delivered to them promptly, and transportation to destinations with minimal hassle. Just as importantly, businesses want to increase productivity, provide greater levels of service and satisfaction to their customers and improve their interactions with all their stakeholders. They want to be able to identify people and objects in their ever-growing piles of data. All these factors are driving individuals and organizations to demand from machines and systems the perfect version of what they want from interactions with other humans and organizations – automation combined with intelligence. And this is driving the need for and adoption of AI and other forms of more intelligent systems.