

1 Voice-based technologies are capable not only of executing and interpreting commands but also of identifying individuals by using their voice only¹.

2 Voice recognition (a.k.a. speaker recognition) should not be confused with speech recognition. The former aims to verify the identity of the person speaking while the latter aims to transcribe the words that are being spoken².

3 Most voice assistant users share the same concerns: the privacy of the data they share, how their personal information is being used, and the possibility of being listened to or recorded³.

4 To protect your privacy while using voice assistants that are at a risk of being hacked, avoid: (i) sharing sensitive data that you do not want your voice assistant to know such as your credit card information and your Social Security number, (ii) leaving microphones turned on, and (iii) keeping past commands or search histories for too long⁴.

5 In education, speech recognition is being used to help people with physical disabilities access contents and to improve the learning of second languages⁵.

10 THINGS YOU SHOULD KNOW ABOUT VOICE-BASED TECHNOLOGIES



6 The financial sector is already developing pilot programs to allow users to carry out voice-activated transactions and payments to third parties⁶.

7 Health is among the sectors having enormous growth potentials! Today, it becomes possible to identify some illnesses and diseases by using the tone of the patient's voice only⁷.

8 By the end of 2018, 2.5 billion voice assistants were already in use. This number is expected to triple to 8 billion by 2023⁸.

9 By 2020, it is expected that 50% of all searches will be voice searches⁹.

10 The market value expected for voice-based technologies by 2024 is 21.5 billion! Predictions state that voice recognition systems will show the highest growth¹⁰.

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