

EMOTION RECOGNITION

Nicole
Female, 26



Smile, 96%

BY:

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Introduction



Emotion Recognition System (ERS)

Applications

- Marketing (commercials, sales assistants)
- Video gaming
- Human-robot interaction
- Telemedicine
- Security

TYPES ERS:

- 1.Face recognition
- 2.Speech recognition
- 3.Gesture recognition



Gender: female
Age: 25
Emotion: happy
VIP



Time in store:
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1.FACE RECOGNITION

FACE RECOGNITION :

- Face recognition system is a technology
- Computer application capable of identifying or verifying a person a digital image or video frame from a video source
- There are multiple methods in which facial recognition system work, but in general,they work by comparing selected facial features from given image with faces witin a database
- Ex: CC Camera

2.SPEECH RECOGNITION:



SPEECH RECOGNITION:

- Speech recognition is an interdisciplinary subfield of computational linguistics that develops methodologies and technologies that enables the recognition and traslation of spoken language into text by compters.
- It is also known as automatic speech recognition,computer speech recognition or speech to text.
- Ex: Google - “ Hey google”, Apple- “Siri”

3.GESTURE RECOGNITION:



GESTURE RECOGNITION:

- Gesture can originate from any bodily motion or state but commonly originate from the face or hand.
- Users can use simple gestures to control or interact with devices without physically touching them.
- Ex: Medical Operations, gaming sector

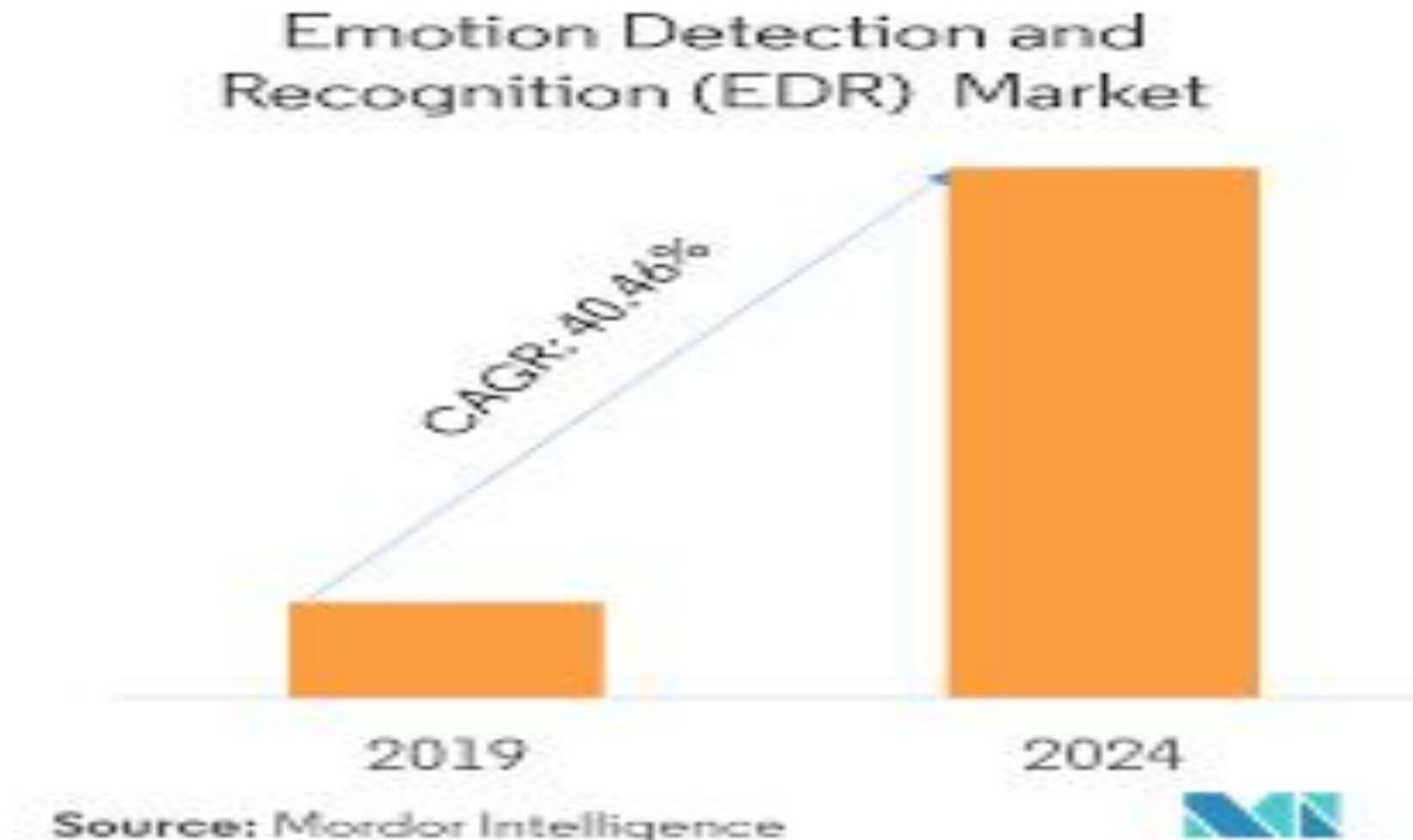




Applications of Emotion Recognition

Medicine	E-learning	Monitoring
Entertainment	Law	Marketing

FUTURE SCOPE:



Conclusion

- Emotion detection is a complex task
- Single techniques proved to have several weaknesses
- Combination of techniques can result a robust emotion detection

*Thank
you*

