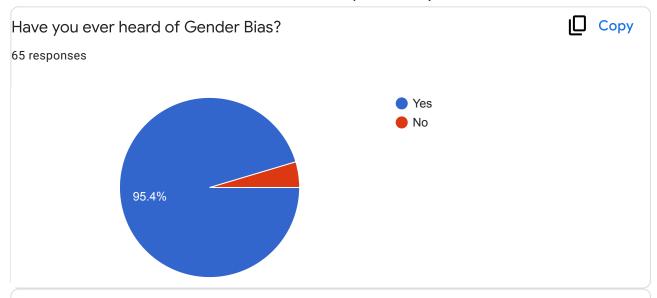


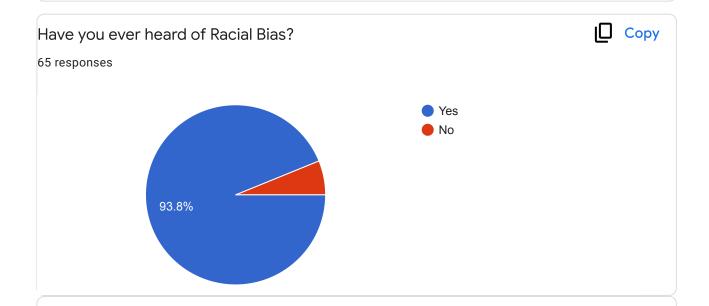
Deep Faked Videos: Videos in which a person's face or body has been digitally altered so that they appear to be someone else, typically used maliciously or to spread false information. Deep Fakes use a form of artificial intelligence called deep learning to make images of fake events.



76.9%

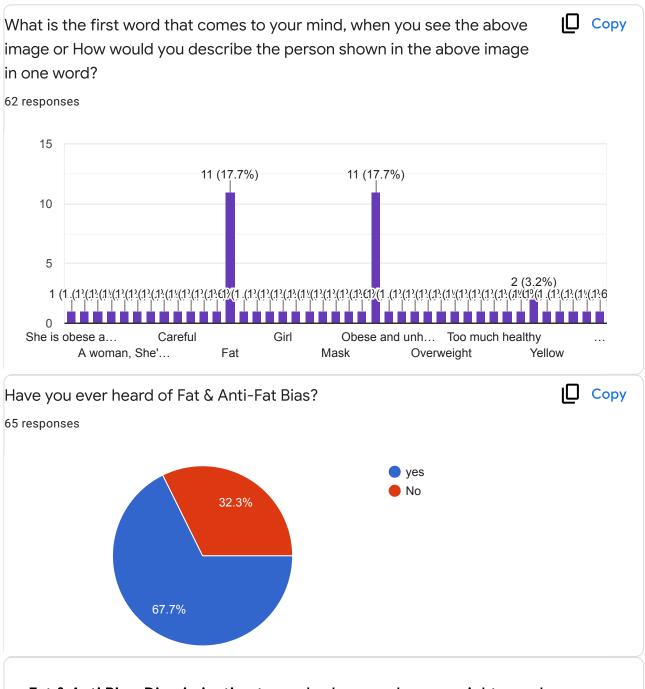


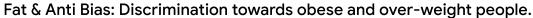
Gender Bias: Gender bias refers to a person receiving different treatment based on the person's real or perceived gender identity.



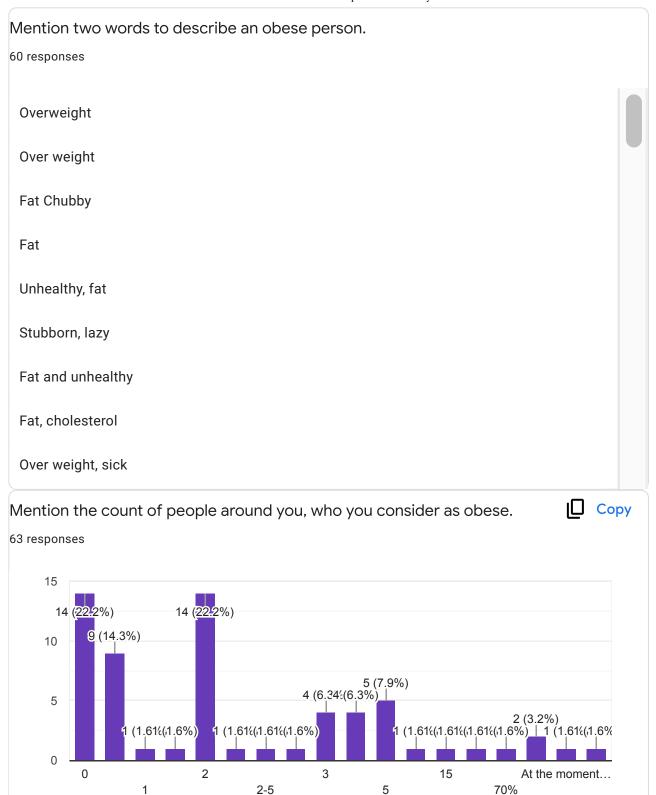
Racial Bias: Racial biases are a form of implicit bias based on their race, which refers to the attitudes or stereotypes that affect an individual's understanding, actions, and decisions in an unconscious manner.



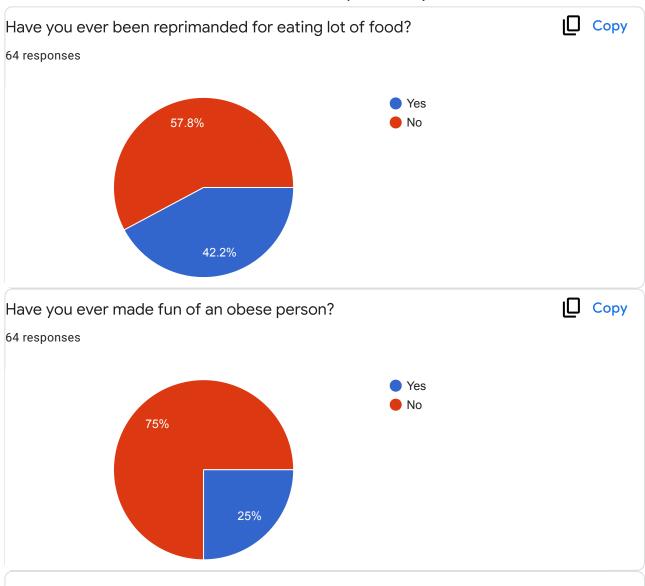






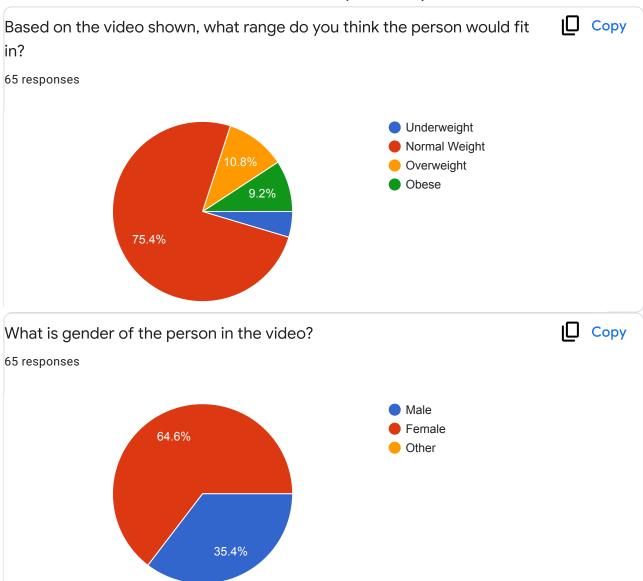






We are trying to study Gender Bias, Racial Bias and Fat & Anti Fat Bias in the Deep Fake Videos. We are going to show the Deep Faked videos of people, answer below questions promptly.







Based on your selection of gender for the previous question. Why did you classify that person into that particular category? 42 responses Looks Hair Clothes, hairstyle, facial hair Because he looked like a man by his appearances Intuition Facial and body characteristics Looks like that Wearing a suit that normally people of the other gender dont. Because, he is looking fit. □ Copy What race do you think the person in the video belongs to? 65 responses American Indian/ Alaska Native East Asian 16.9% South Asian Black/African American 36.9% 7.7% White Other/ Unknown 9.2% Multiracial 13.8%



Did you find any unique characteristics in the deep faked videos that you would like to mention?

55 responses

No

None

Unnatural facial expressions, Awkward-looking body or posture

Video is distorted and the face of the person flickers alot.

There were some weird movements near the face in the video, looked like there were some changes made in the video for the face.

Not so experienced

Closeness to real human being

Lecould easily detect that it is a fake video since the speaking speed and hand gesture



According to you, what impact does Deep Fake videos have on soceity?

55 responses

Deepfake is a real threat society influencing the sentiments and perceptions of people around us. Popular celebrities, politicians and other personalities is getting badly affected by the misuse of Al-backed such technologies

Damage reputations, if video represents a biased sect of the society, deepfake videos can also learn those biases and can represent them.

Dangerous to the society

Depends on how it is being used. It's good if it's used for good say as virtual assistants.

Bad

I feel there are many negative impacts. Imagine a viral video of a politician going around with wrong message which he/she hasn't intended to say

It has the ability to influence opinion in mass with the onset of social media.

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