

Tech Talks: Media Manipulation (Apple/Android)

Know the digital information disorders and mitigation options



Misinformation:

False or misleading information created/shared regardless of intent to deceive

Disinformation:

False or misleading information knowingly created/shared with intent to deceive

Information Disorders (www.firstdraftnews.org)

1. Satire or Parody: No intention to cause harm but has potential to fool.
2. False Connection: When headlines, visuals or captions don't support the content.
3. Misleading Content: Misleading use of information to frame an issue or individual.
4. False Context: When genuine content is shared with false contextual information.
5. Imposter Content: When genuine sources are impersonated.
6. Manipulated Content: Genuine information or imagery is manipulated to deceive.
7. Fabricated Content: New content that is 100% false, designed to deceive.

Demo (Screenshot & Reverse Image Search)

Apple

- Screenshot > iPhone > Power + Volume Up buttons
- Safari > images.google.com > **aA** symbol (by URL) > Request Desktop Website
- Safari > images.google.com > camera icon (by Search Bar) > upload image

Android

- (Samsung) Screenshot > Power + Volume Down buttons
- (Pixel) Screenshot > Power + Click screenshot
- Chrome > images.google.com > 3 dots menu (top right) > Desktop site
- Chrome > images.google.com > camera icon > upload image

Mitigation Options

- Limit social media (as news source)
- Unfollow those perpetuating disorder
- Be slow to share
- Investigate and verify

Investigation Questions

- What's the original source?
- When did it happen?
- Who posted it?
- Why is it shared (motivation)?

Tech Talks: Media Manipulation (Apple/Android)

Know the digital information disorders and mitigation options



Resources

- **Cognitive biases** (https://guides.lib.wayne.edu/ld.php?content_id=47206218)
Infographic describing the many biases that can affect our objectivity.
- **Humanetech.com** (<https://www.humanetech.com>)
Advocates for making technology work well for people and democracy.
- **Firstdraftnews.org** (<https://firstdraftnews.org>)
Resources for journalists to investigate emerging stories.
 - **Spot a Bot (Twitter)**
(<https://firstdraftnews.org/articles/how-to-spot-a-bot-or-not-the-main-indicators-of-online-automation-co-ordination-and-inauthentic-activity/>)
- **News Literacy Project** (newsliit.org)
Nonprofit focused on educating active news consumers
- **Mediabiasfactcheck.com** (<https://mediabiasfactcheck.com>)
Independent media outlet dedicated to educating the public on media bias.
- **AllSides.com** (<https://www.allsides.com/unbiased-balanced-news>)
View news stories and information from all sides of the political spectrum.
- **Factcheck.org** (<https://www.factcheck.org>)
Nonprofit advocate for voters aiming at reducing confusion.
- **Snopes.com** (<https://www.snopes.com>)
Longstanding fact-checking resource.
- **Politifact.com** (<https://www.politifact.com>)
Fact-checking website for American politics.