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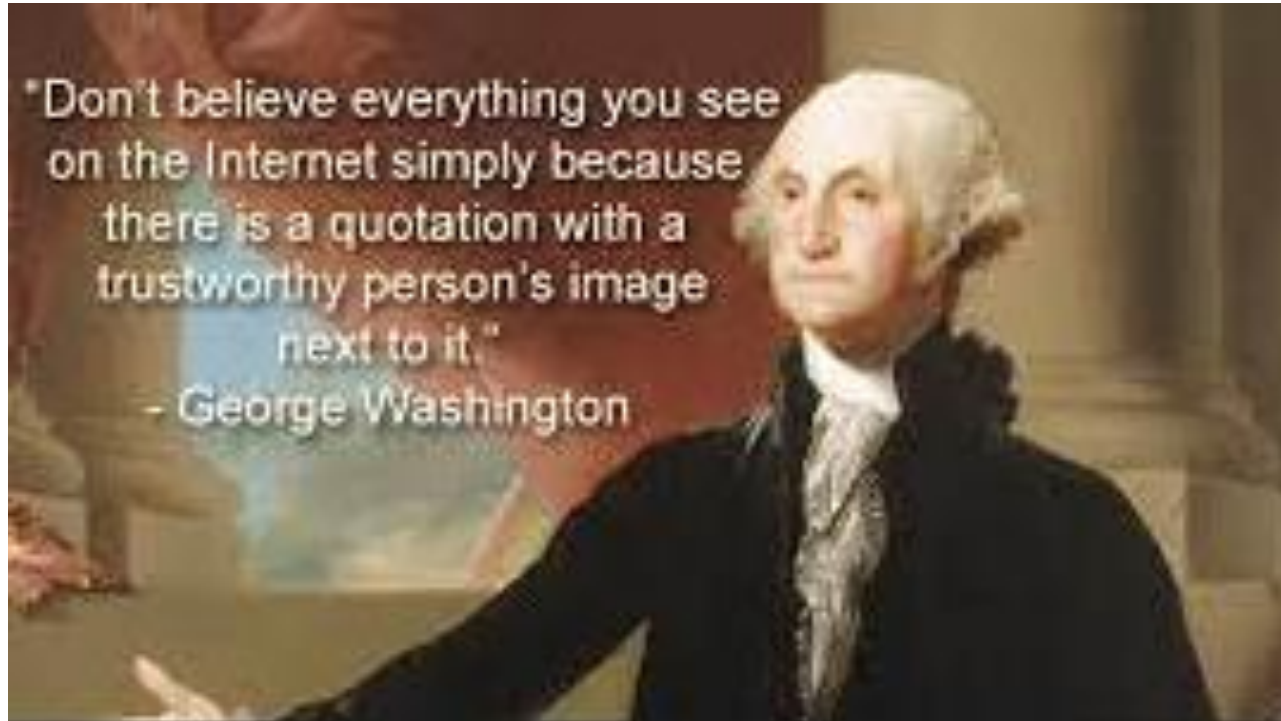
ORPHEUS

Cyber awareness for young people



Social
innovation

True or False?



- **Rate yourself and your classmates:**
- Your awareness of false information online
- The awareness of your classmates of false information online



Objectives



The objectives of this training are :

- to strengthen your understanding of the different types of false information that you may encounter online
- to strengthen your understanding of how and why false information online may put you at risk
- to strengthen your skills to be able to effectively evaluate information you encounter online
- to strengthen your understanding of the effects of cognitive bias
- To think critically about the limits of free speech
- To think critically about the role of media and privacy

What is fake news?



Fake News –Definition



Whilst we acknowledge the complexity and nuance nature of the term ‘fake news’, we define fake news in this instant as the **deliberate presentation of (typically) false or misleading claims as news, where the claims are misleading by design.**



(Gelfert, 2018)

False Information: Definitions



Disinformation

- False information
- Created to cause harm
- Or for profit
- e.g. hoaxes

Fake News

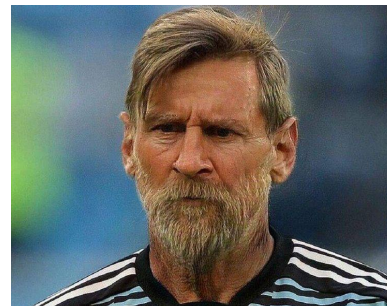
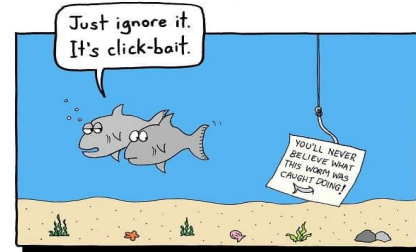
- False information
- Presented as genuine news
- Usually for harm / profit (but not always)

Misinformation

- False information
- No intention to cause harm
- e.g. myths, urban legends

Categories of false information - Exercise

- Sloppy journalism
- Satire/parody
- Clickbait
- Misleading headlines
- Propaganda
- Fake / pseudo science
- Deepfakes



Sloppy journalism



Satire/parody



 | *America's Finest News Source.*

[HOME](#) [LATEST](#) [POLITICS](#) [SPORTS](#) [LOCAL](#) [ENTERTAINMENT](#) [THE TOPICAL](#) [OGN](#)

NEWS IN PHOTOS

Kitten Thinks Of Nothing But Murder All Day

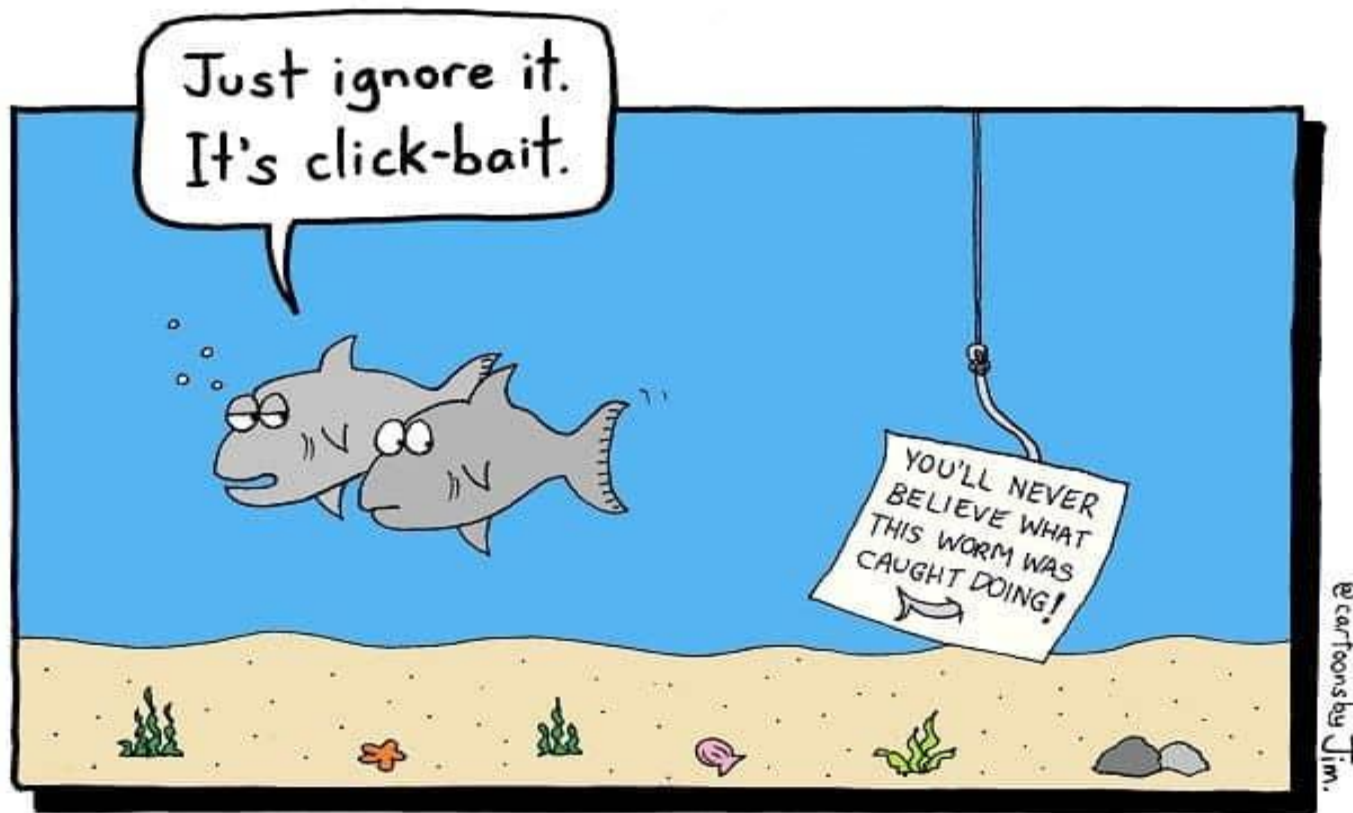
8/16/06 12:00AM



Clickbait



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Misleading headlines



Sun forced to admit '1 in 5 British Muslims' story was 'significantly misleading'

1 in 5 Brit Muslims' sympathy for jihadis

'WAKE-UP CALL' AFTER PARIS BLITZ
By TOM NEWTON DUNN
Political Editor

NEARLY one in five British Muslims has some sympathy with those who have fled the UK to fight for IS in Syria.

The number among young Muslims aged 18-34 is even higher at one in four.

The figures emerged in our exclusive poll conducted after the Paris atrocities led by French and Belgian jihadis returning from the war zone.

Prominent Muslims said the poll was a wake-up call.

Labour London Mayor hopeful Sadiq Khan tells *The Sun*
Continued on Page Five

KEVIN MacKENZIE:
'TIME FOR BRITAIN TO SHUT DOOR'
PAGE 13

Support . . .
Brit jihadi
Johns who
went to Syria

Support . . .
Brit jihadi
Johns who
went to Syria



Propaganda



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الإسلام هو الحل
Islam is the solution

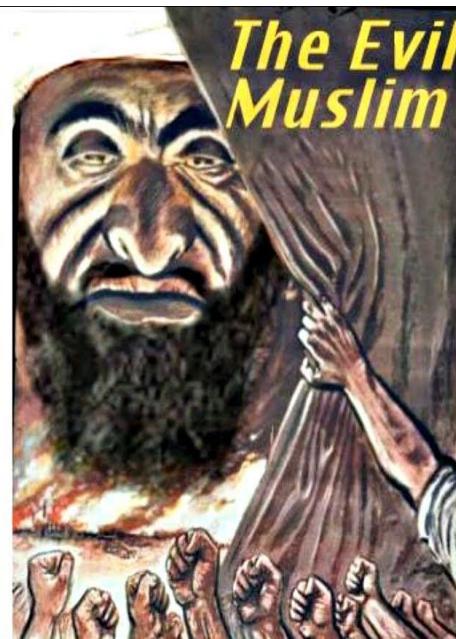
USA

ISLAM



الفرق بين الإسلام والكفر

The difference between Islam and infidelity



Fake / pseudo science



Fake / pseudo science



Deepfakes

- Do you know these people?



Deepfakes



- Deepfakes: video footage manipulated to make it appear a person has said or done something which they have not
- Done using AI (artificial intelligence) to swap the face of the original actor with another
- Can be used to promote fake news by appearing to show public figures saying or doing things that would be damaging to them

Deepfakes



Deepfakes

FaceApp: Is The Russian Face-Aging App A Danger To Your Privacy?



Thomas Brewster Forbes Staff 

Cybersecurity

Associate editor at Forbes, covering cybercrime, privacy, security and surveillance.



FaceApp - AI Face Editor 

FaceApp Inc

#1 in Photo & Video
★★★★★ 4.8, 435,000 Ratings

Free - Offers In-App Purchases

iPhone Screenshots



FaceApp is a massively popular face-altering app for Android and iOS, but there are privacy concerns ... [\[+\]](#) FORBES

Question?



- Are you worried about how App developers like FaceApp can use your images?

Biased journalism



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Biased journalism

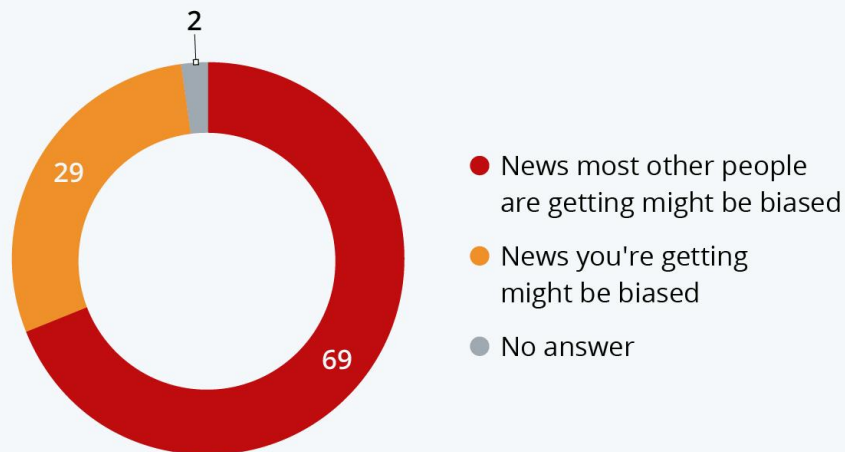


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•3-Bias

Most People Worried About News Bias for Others

Percentage of people who say bias in media toward others or themselves concerns them more



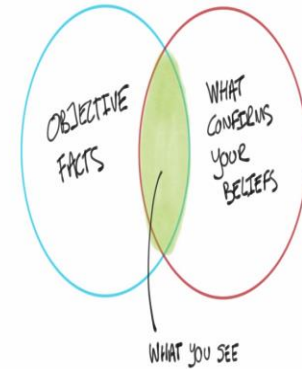
Source: Gallup



statista

What is Cognitive bias?

- Quick, unconscious judgments
- Blind to own thinking errors
- **Illusory truth effect & confirmation error**
- We prefer those media and information that confirms our beliefs
- It is increasingly easier to filter information so that it is confirmed that you are right
- We overestimate how much we understand about the world.



Illusory truth effect



confirmation error



Impact of false information



Impact of false information

***Fear:** Will I stop going out because dangerous clowns are circulating in my town? Will I have insomnia? Will my quality of life decrease?*



Gestern wurde in Neubrandenburg ein 14 jähriger Junge umgebracht von zwei Killer Clowns mit 16 Messerstichen in der Nähe von vogelviertel sie werden noch von der Polizei gesucht das Kind ist leider im Krankenhaus gestorben also passt bitte auf Leute geht niemals im Dunkeln raus und wenn nur mit mehreren Leuten

[f Auf Facebook teilen](#)

Impact of false information

Racist ideas: *If this post leads me to believe that Muslims are invading the country, will I be angry at the government's policies? Will I maintain racist ideas? Will I vote for a political party that wants to close the borders?*



Screenshot of a photo published on Facebook

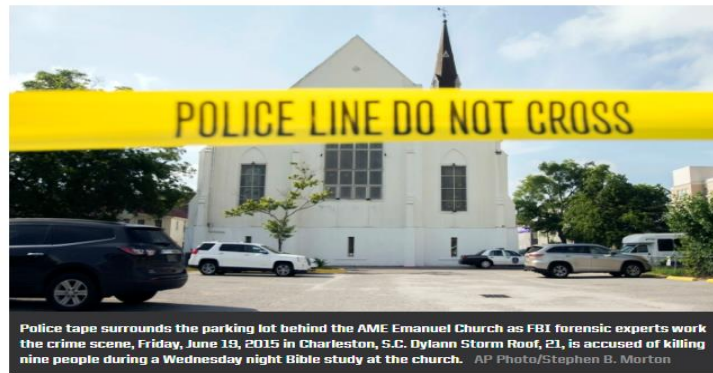
Impact of false information

Violence: False rumours that target specific individuals can have major consequences. These individuals may be harassed on social media, and targeted by insults and threats that sometimes have real-life impacts, as we have seen with what happened in India and Mexico. You must never rely only on non-validated information circulating on social media to decide that a person is guilty.

CULTURE

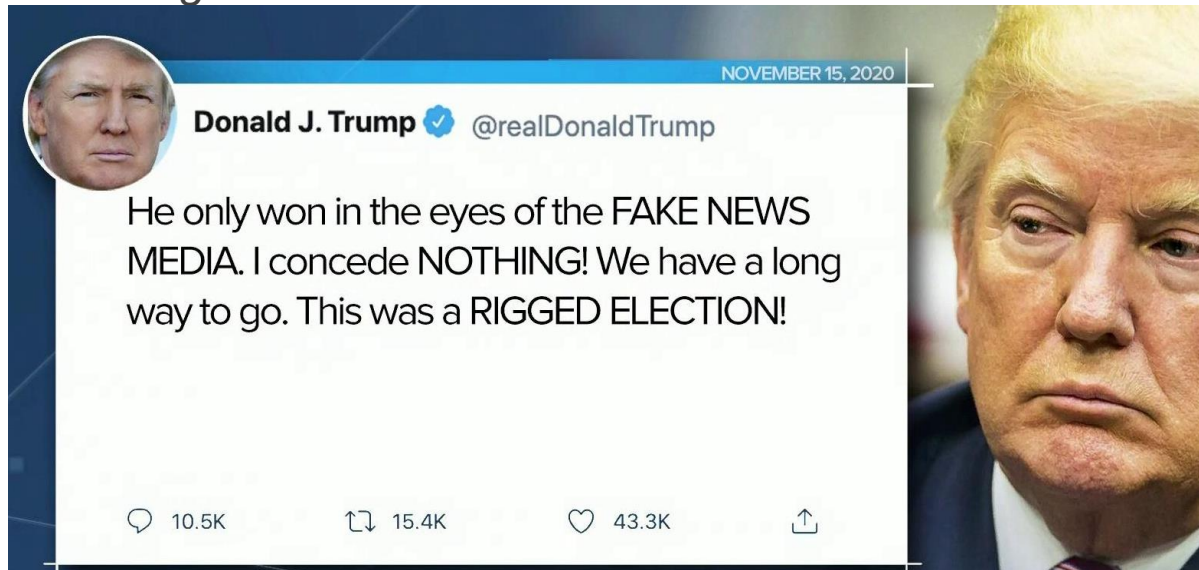
How fake news led Dylann Roof to murder nine people

Misinformation, lies and propaganda on the internet have taken hate speech to a whole new level



Impact of false information

- **Democratic impacts:** *Will I vote differently if I know the Pope endorses a politician's candidacy? It is now known that false information played a major role in the last American presidential election. This is one of the reasons why the media has spoken so much about the fake news phenomenon, because this is an important democratic issue. In short, the impacts are very real and we must avoid sharing fake news.*



Fact Checking Twitter



Donald J. Trump 

@realDonaldTrump

51 Following 88.7M Followers

Account suspended

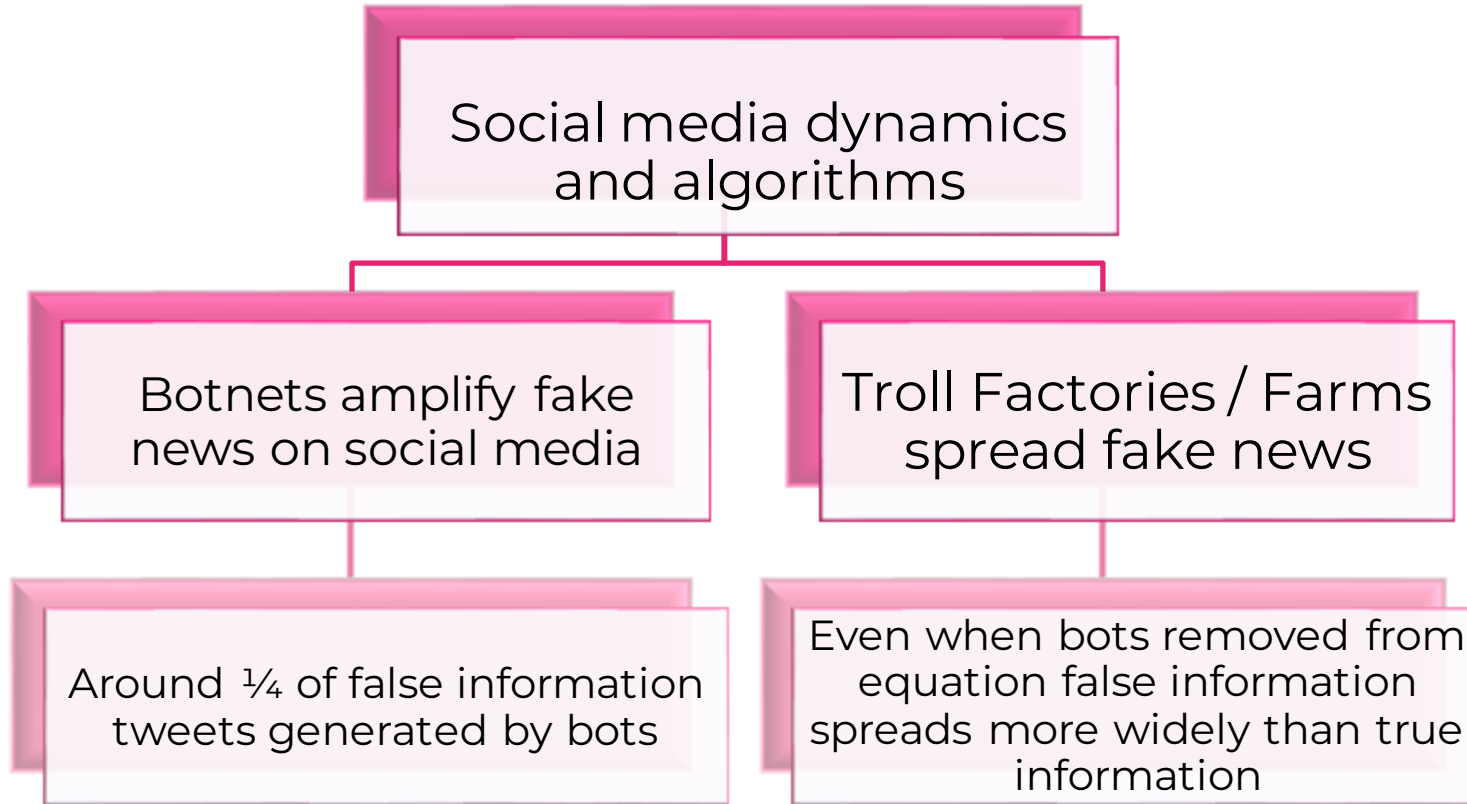
Twitter suspends accounts that violate the [Twitter Rules](#).

Question

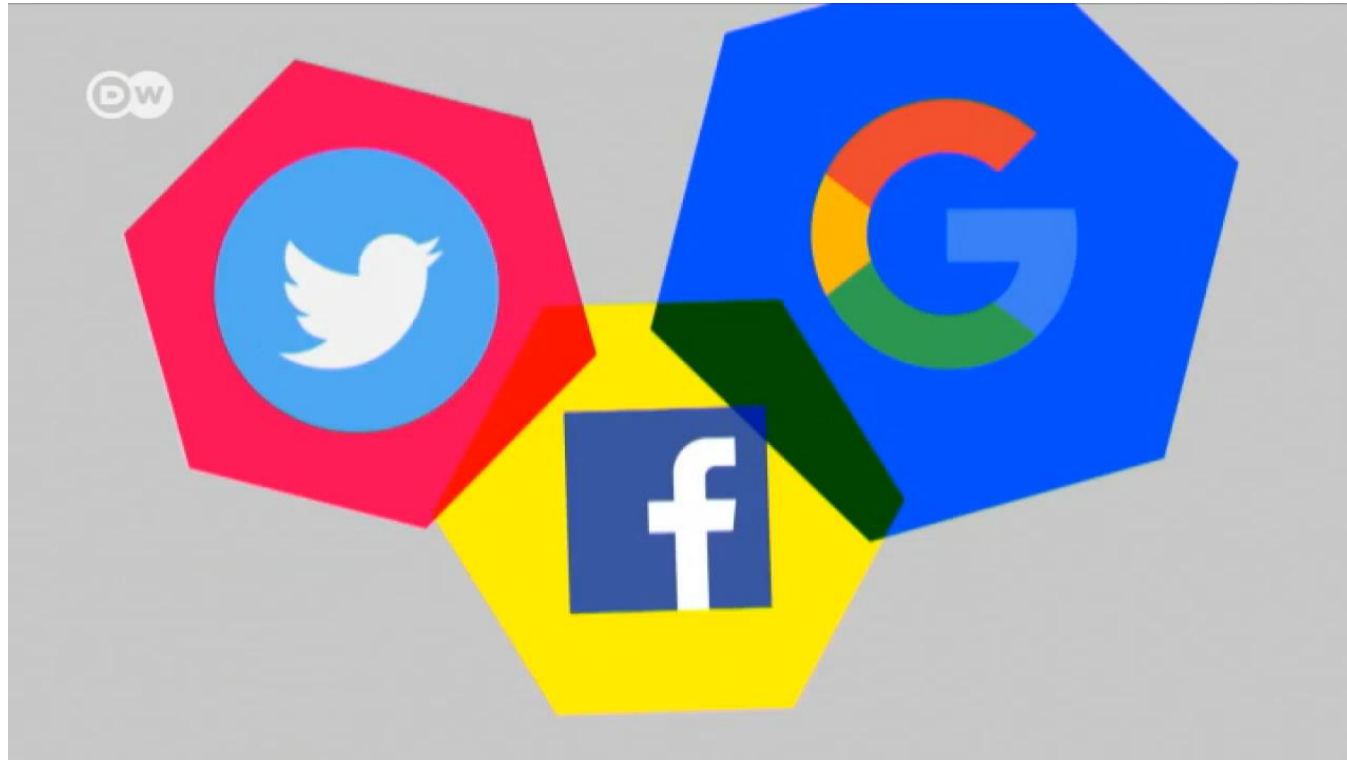


- Should spreading fake news be illegal?

How false information spreads



Social media algorithms



Question



- Should a company be allowed to gather this much data about you?

Bots and Media

- What is a bot?



How to Spot a Bot



- Has the account posted an unusually high number of times?
- Has the account posted identical content to a number of other accounts?
- Is the user profile missing information?
- Does the account follow a similar naming pattern to other accounts posting similar content?

How to Spot Fake News



Top 3 Tips for Spotting Fake News



TIP #1 – Consider the credibility of the reporting news outlet

- Check the 'About' and 'Contacts' pages of the website for information about who works there and how the organisation is funded
- Search the name of the author /journalist to find out what else they've written

Top 3 Tips for Spotting Fake News



TIP #2 – Look beyond the headline

- Is the headline consistent with the story?
- Do the the dates and timelines in the story make sense?
- Is the style sensationalised?
- Is the story trying to stir up negative feelings like anger, hatred or resentment or promote conspiracies?
- Is the story meant to be a joke, parody or satire?

Top 3 Tips for Spotting Fake News



TIP #3 – Do your own research

- Does the story have credible supporting sources?
- Is the story being reported by other, trusted websites?
- Do the images in the story actually show what they say they show? (Reverse image search)
- Is the story being shared by a bot or troll factory?

How to Reverse Image Search – Google Chrome

Right click on image and select
'Search Google for image'

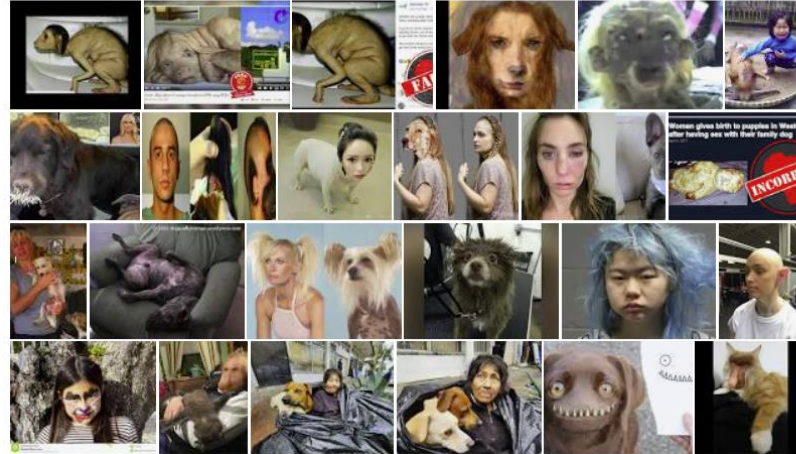


How to Reverse Image Search – Google Chrome



Google will find and show you visually similar images as well as webpages that use this image, enabling you to click through and find out in what context and on what dates the image has been used previously.

Visueel vergelijkbare afbeeldingen



<https://www.neowin.net> › topic › 81... ▾ [Vertaal deze pagina](#)

[Arab Girl Turns Into A Terrifying Animal - It's a Conspiracy ...](#)



400 × 249 · 18 aug. 2009 — There is a site somewhere full of people **turned into** animals **made** with photoshop, pigs, **dogs**... can't remember the adress.

Spotting Fake News

Tommy Robinson /
Pro Trump Rally Tweet

Is this tweet TRUE or FALSE?

How will you decide?

True or False?

← Tweet

 **Rebecca Robertson**
@beccamebabe

This was the Tommy Robinson and Pro-Trump Rally today in London 14th July 2018. The crowd is bigger than the Anti-Trump protest held yesterday. The main stream media won't talk about it.
[#TommyRobinsonMarch](#) [#TommyRobinson](#) [#freetommy](#)
[#FreeTommyRobinson](#) [#iamtommyrobinson](#)
[#iamtommy](#)



10:10 pm · 14 Jul 2018 · [Twitter for Android](#)

6.5K Retweets 8.7K Likes

Spotting Fake News

Girl hit by car doing 'My feelings' challenge

Is this video TRUE or FALSE?

How will you decide?

True ~~False~~ False?



Scenario 1 – Empowering Young People



Beth, a young person you work with, asks for your advice about a post on social media she has seen that says taking vaccines causes autism.

How would you go about supporting Beth to critically evaluate this information?

Scenario 2 – Empowering Young People



During a safe space session, Jas discloses the following:

“A friend has sent me a video through WhatsApp. It was TV news announcing that China had disseminated covid-19 around the world deliberately in order to weaken USA. In addition, it said that the Chinese government had been fined several million dollars after the American trial.”

How will you respond to Jas’s comment?

Scenario 3 – Empowering Young People



- John has seen a video online that asserts that there is a great plot to replace white people demographically and culturally with non-European peoples – specifically Muslim populations from – through mass migration and demographic growth.
- How would you go about supporting John to verify whether the video he has seen is genuine?

