ACE CSE
TRAINING THE TEACHERS

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Introduction

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Introduction

Open Source Reporting

- The rise of open source reporting has pros and cons

- It is now possible for people to get events and news items "out there" without reliance on traditional media

- However the limited fact checking means that anyone can say anything and claim it is news or an event

Open Source Reporting

- Here we have an open source reporting instance which has gone for a very inflammatory headline

- While the man was arrested it was due to a contempt of court charge

- They were ordered not to publicly discuss their child's transition (and then did)

/2021/03/18/canadian-man-jailed-after-misgendering-his-daughter/

TRENDING: 'MY SON HUNTER' MOVIE   MEDIA CARTEL BILL   BORDER BATTLE   MIDTERM ELECTIONS   TRUMP RAID   BIDEN RECESSION

CANADIAN MAN JAILED AFTER 'MISGENDERING' HIS DAUGHTER

f 58,213   EMAIL   P PARLER   TWEET

ANGELA WEISS/AFP via Getty Images

B SOCIAL   BREITBART STORE >>

BREITBART POLL
Should Biden be removed by the 25th Amendment?
YES   NO

MOST POPULAR

Salesforce CEO Threatens to Pull Company Out of Pro-Life States

Breitbart article – Misleading title

Open Source Reporting

- Here we have another objectively wrong statement

- It doesn't matter if Lavern Spicer does or doesn't:
    - Know what a pronoun is
    - An in-depth knowledge of the Bible

- What they have is an audience

Tweets from Lavern Spicer

Open Source Reporting

- In some cases "fakes news" or outlets with an agenda are quite easy to spot

- In other cases they can be harder to spot or to disprove

- In the case of Brexit the spread of mis-information could well have been a deciding factor

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in association with
National Cyber Security Centre
Academic Centre of Excellence in Cyber Security Education

Department for Digital, Culture, Media & Sport

UWEcyber
Gold Award

Quarter of Brexit voters say they were misled, poll finds

Remain would win if another referendum was held tomorrow, research shows

Chloe Farand • Tuesday 22 August 2017 09:42 • ⬚⬚⬚ Comments

We send the EU £350 million a week
let's fund our **NHS** instead ◆ Vote Leave
Let's take back control

Tweets from Lavern Spicer

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Open Source Reporting

- In 2020 the use of social media as a source of news was down

- In part this is due to trust issues

- However the vast majority of older children said that they had difficulty identifying "fake news"

Infographic – News Consumption Report 2020 by Ofcom
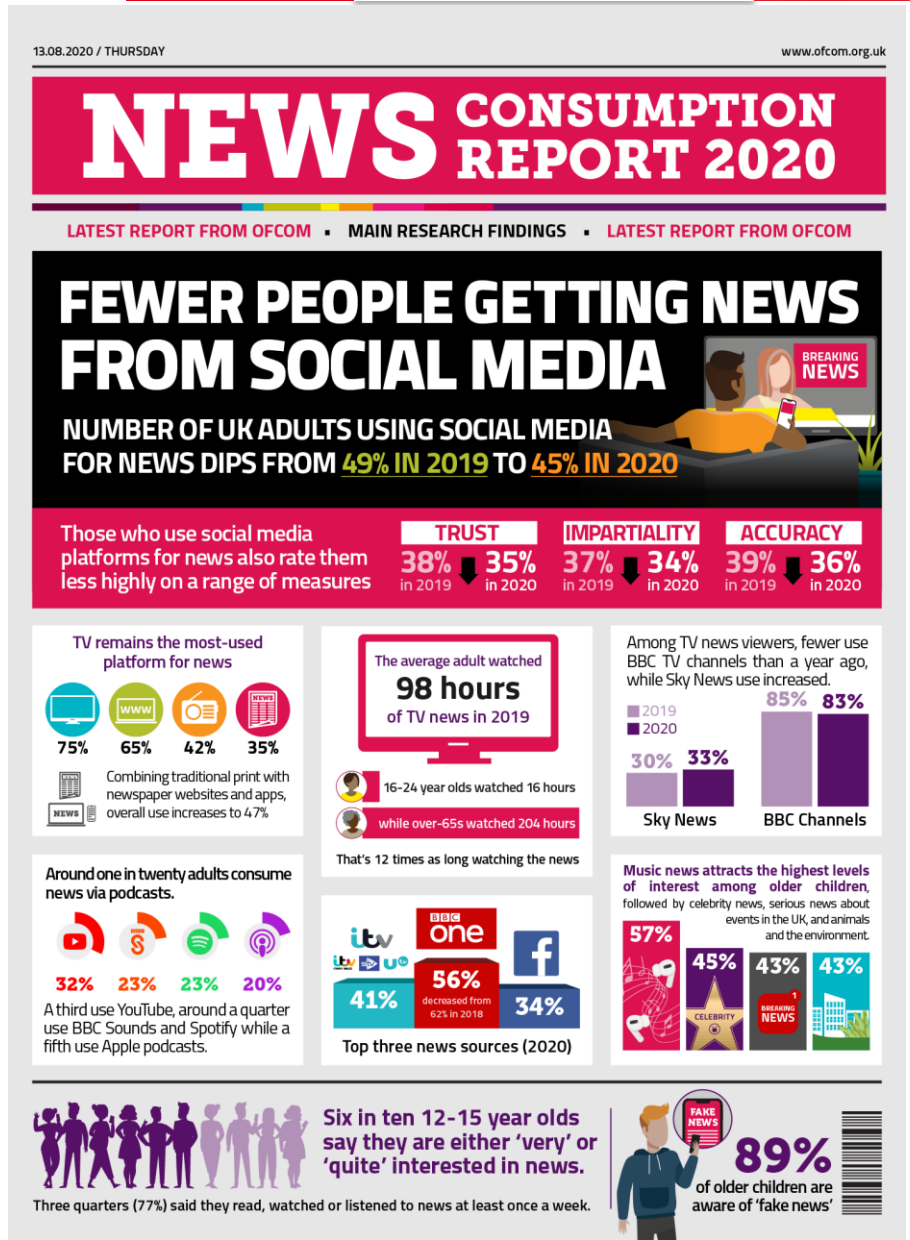
Open Source Verification

- Fact checking is being introduced in platforms like Twitter, but it is not universal

- Websites like snopes can be used for fact checking news stories

- However it is getting harder and harder for fact checking to keep pace with the spread of stories

Open Source – Fake Videos

- This issue is compounded when we factor in Deep Fakes

- People are learning to be suspicious of news articles or stories spread by social media

- Photographic and video evidence can be used to add "backing" to claims or stories

- Unfortunately not every video or photo is genuine (as we've seen!)

Open Source – Fake Videos

Open Source – Fake Videos

- Mia is back!

- Clearly that isn't the real Mia – It isn't even a real person

- But it was also really easy to make – I used the free trial of an online tool (synthesia)

- I did this to raise a point – Others have done the same

- A video in this news article shows a DeepFake Obama being voiced by Jordan Peel
    - Warning – Strong Language

Open Source – Fake Videos

- Here we have another – Much better quality DeepFake

- Question time – Which video (of the 3) is faked?

Open Source – Fake Videos

- This technology can also be mis-used

- DeepFakes become a popular in part due to their mis-use for pornography

- Celebrity faces were super imposed on pre-existing videos – Instant "leaked" videos

- Recently a fake video was circulated on Twitter of the Ukrainian President surrendering to Russia

Open Source Verification

- As with news articles there are online resources we can use for verification

- InVid is one example of an application that can be used to check and verify videos
    - It also has a browser plugin

- TinEye can be used for images

- There are also sensible steps people can take
    - Reverse image search
    - Check the account / user / source
    - Validate using a second source

Open Source Verification

- Ultimately an understanding of what *can* be done with this technology gives us foresight

- We become aware that just because someone sent us a video or a picture of something, that doesn't mean it actually happened

- An awareness of verification tools means we know what can be used – Especially if someone tries to use faked images or videos against us

Session 2 – Overview

- OS reporting, intelligence and verification

    - *OS reporting can be a great tool – But if you can use it so can others*

    - *The rise of fake news and how (or even if) we can verify what we read*

    - *The use of DeepFakes also means that fake news isn't constrained to written word anymore*

SUMMARY

Links

- https://www.breitbart.com/tech/2021/03/18/canadian-man-jailed-after-misgendering-his-daughter/
- https://www.independent.co.uk/news/uk/home-news/brexit-voters-poll-mislead-leave-campaign-nhs-claims-lies-remain-win-second-referendum-a7905786.html
- https://www.ofcom.org.uk/about-ofcom/latest/features-and-news/news-from-social-media
- https://www.bbc.co.uk/news/technology-52815552
- https://www.indy100.com/news/barack-obama-fake-video-deepfakes-fake-news-technology-app-buzzfeed-jordan-peele-8314046
- https://www.bbc.co.uk/news/technology-60780142
- https://twitter.com/StrangeNative/status/1571944094913695745