

Home Office's ISIS AI project - according to the Cabinet Office Data Science Ethical Framework ([based on the care.data one](#))

1. Start with a clear public benefit:

– How does the public benefit outweigh the risks to privacy and the risk that someone will suffer an unintended negative consequence? (PIA step 1)

"It's a very convincing example of the fact that you can have the information you need to make sure this material doesn't go online in the first place," she said. ([BBC](#))

"The purpose of these videos is to incite violence in our communities, recruit people to their cause, and attempt to spread fear in our society," ... "We know that automatic technology like this can heavily disrupt the terrorists' actions, as well as prevent people from ever being exploited to these horrific images. ([the guardian](#))

– Brief description of the project, including data to be used, how will it be collected and deleted. (PIA step 2)

"The purpose of these videos is to incite violence in our communities, recruit people to their cause, and attempt to spread fear in our society. We know that automatic technology like this can heavily disrupt the terrorists' actions, as well as prevent people from ever being exposed to these horrific images." ([gov.uk](#))

– What steps are you taking to maximise the benefit of the project outcome?

"There are tools out there that can do exactly what we're asking for. For smaller companies, this could be ideal." ([BBC](#))

"Many of the major tech companies have developed technology specific to their own platforms and have publicly reported on the difference this is making in their fight against terrorist content. Smaller platforms, however, are increasingly targeted by Daesh and its supporters and they often do not have the same level of resources to develop technology." ([gov.uk](#))

2. Use data and tools which have the minimal intrusion necessary

– What steps are you taking to minimise risks to privacy? (for example using less intrusive data, aggregating data etc)

"We need to stop this sort of material getting onto the internet and helping to radicalise people." ([Evening Standard](#))

3. Create robust data science models

– What steps have you taken to make sure the insight is as accurate as possible and there are minimal unintended consequences? (for example thinking through quality of the data, human oversight, giving people recourse)

“Tests have shown this new tool can automatically detect 94% of Daesh propaganda with 99.995% accuracy. It has an extremely high degree of accuracy, for instance if it analyses one million randomly selected videos, only 50 would require additional human review. The tool can be used by any platform, and integrated into the upload process, so that the majority of video propaganda is stopped before it ever reaches the internet.” ([gov.uk](#))

4. Be alert to public perceptions:

– How have you assessed what the public or stakeholders would think of the acceptability of the project? What have you done in addition to address any concerns?

“I remain convinced that the best way to take real action, to have the best outcomes, is to have an industry-led forum like the one we’ve got.” ([BBC](#))

“The technology is there. There are tools out there that can do exactly what we’re asking for. For smaller companies, this could be ideal.” ([BBC](#))

5. Be as open and accountable as possible?

– How are you telling people about the project and how you are managing the risks?

“ “We’re not going to rule out taking legislative action if we need to do it,” the home secretary said. “But I remain convinced that the best way to take real action, to have the best outcomes, is to have an industry-led forum like the one we’ve got.” The Global Internet Forum to Counter Terrorism, launched last year, brings together several governments including the US and UK, and major internet firms like Facebook, Google, Twitter and others.” ([BBC](#))

([and lots of news coverage](#))

– Who has signed this off within your organisation? Who will make sure the steps are taken and how? (PIA Step 5)

“Welcoming the new technology Home Secretary Amber Rudd said” ... ([gov.uk](#))

6. Keep data secure

– What steps are you taking to keep the data secure?

“reporters were given an off-the-record briefing detailing how ASI's software worked, but were asked not to share its precise methodology. However, in simple terms, it is an algorithm that draws on characteristics typical of IS and its online activity.” ([BBC](#))

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