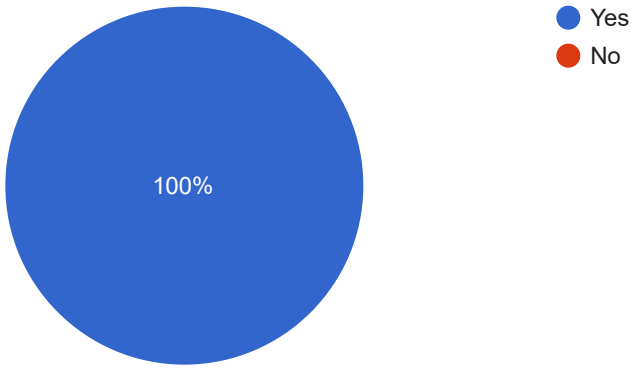
Date

5 responses

Mar 21	22
Mar 2021	22 4

I have read the above information and consent to taking part

5 responses



Payload Detection

Image 1

5 responses

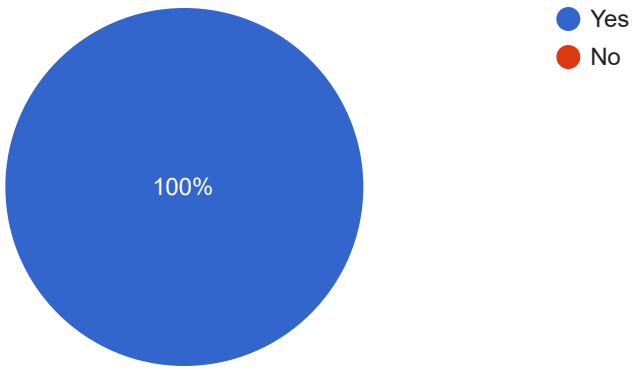


Image 2

5 responses

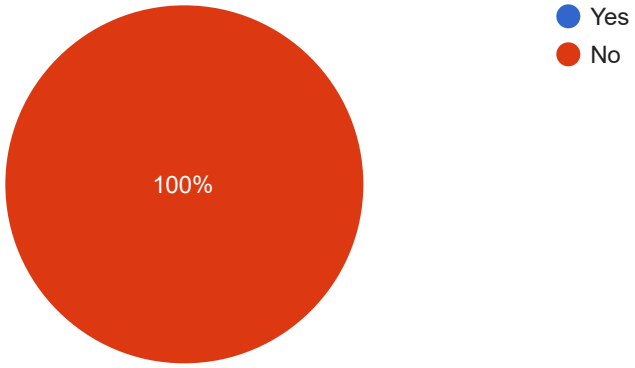


Image 3

5 responses

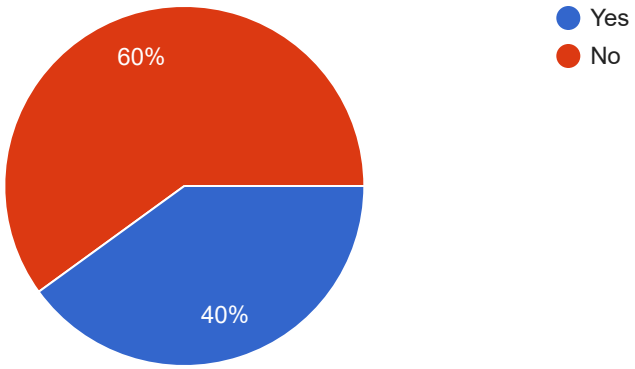


Image 4

5 responses

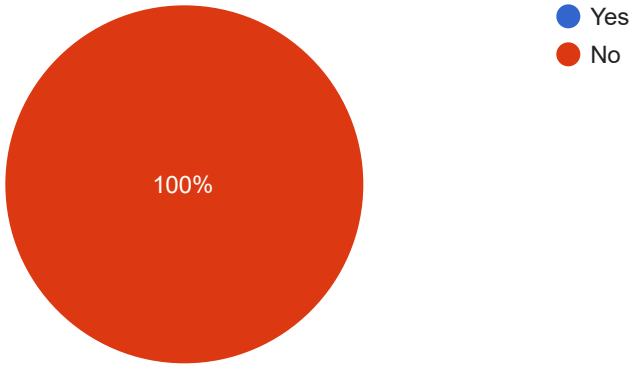


Image 5

5 responses

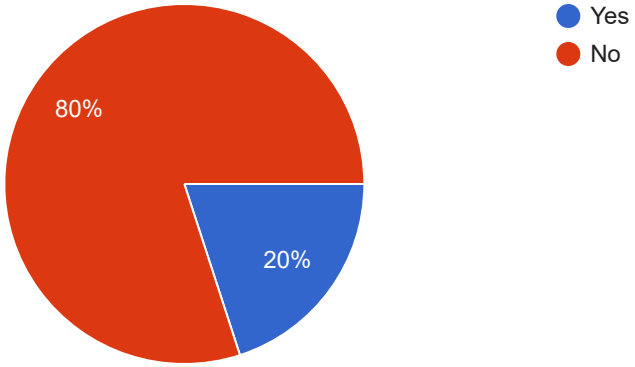


Image 6

5 responses

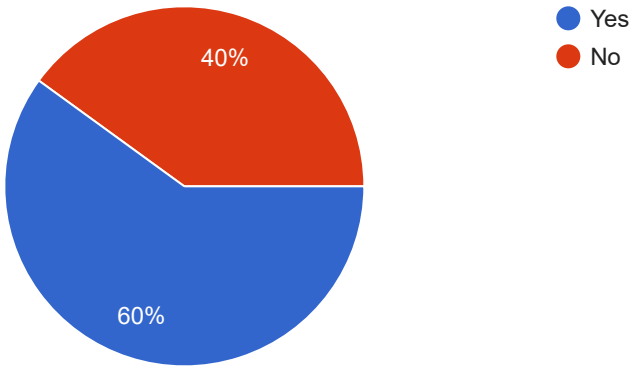


Image 7

5 responses

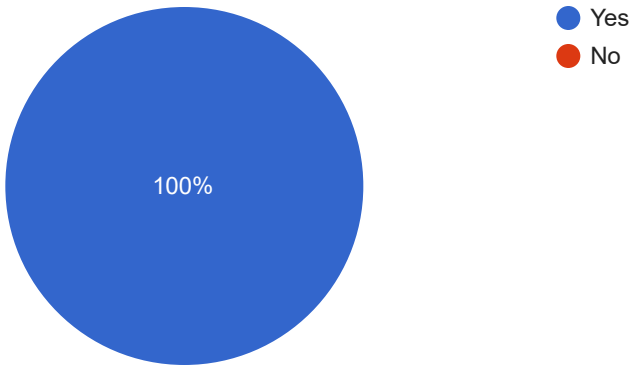


Image 8

5 responses

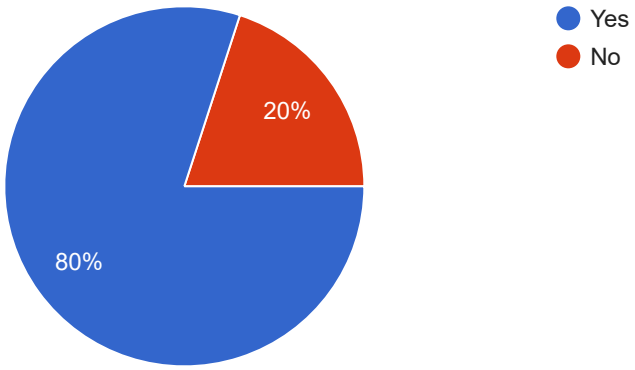


Image 9

5 responses

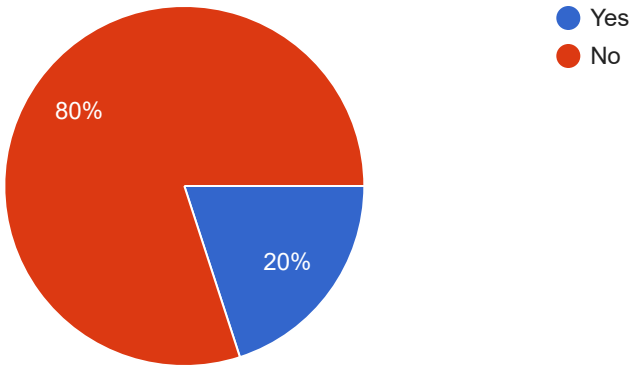


Image 10

5 responses

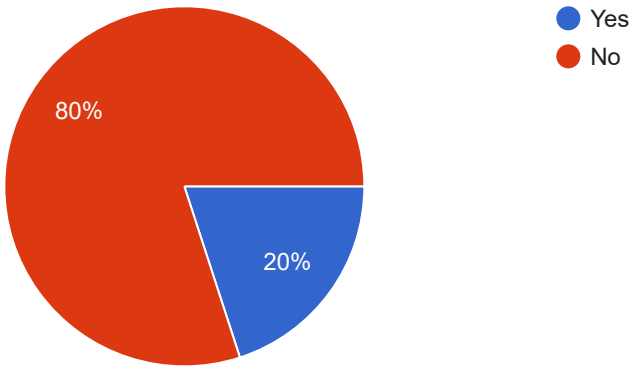


Image 11

5 responses

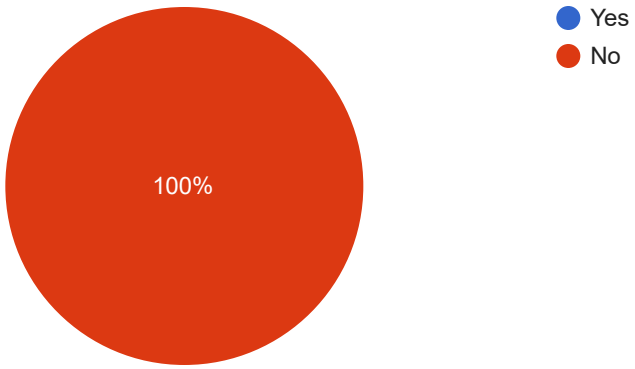


Image 12

5 responses

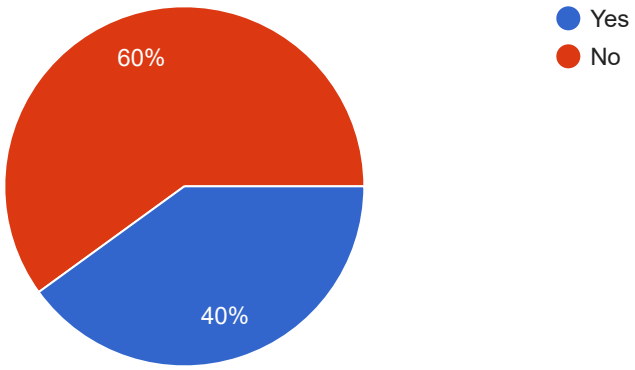


Image 13

5 responses

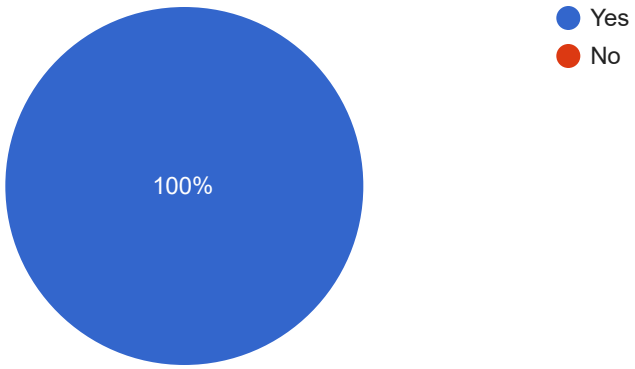


Image 14

5 responses

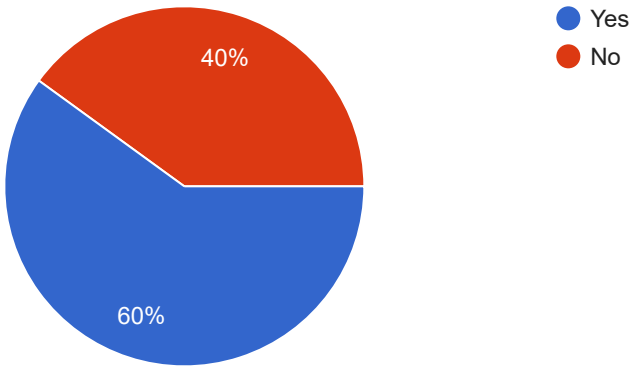


Image 15

5 responses

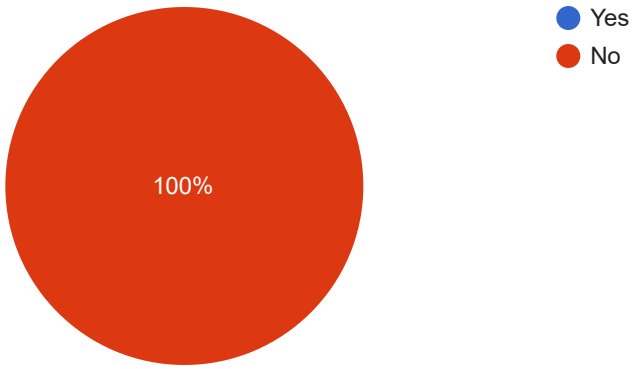


Image 16

5 responses

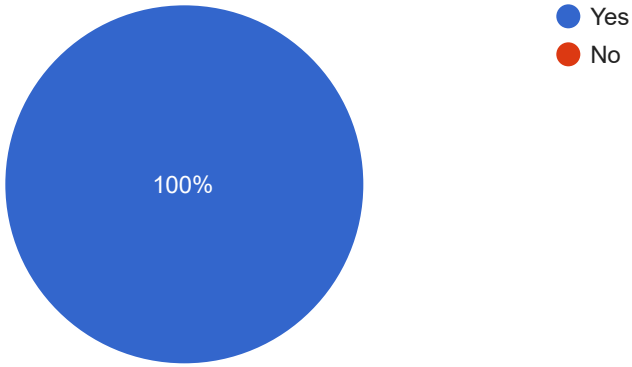


Image 17

5 responses

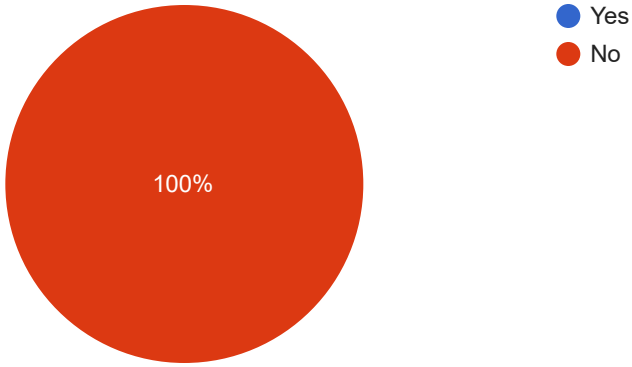


Image 18

5 responses

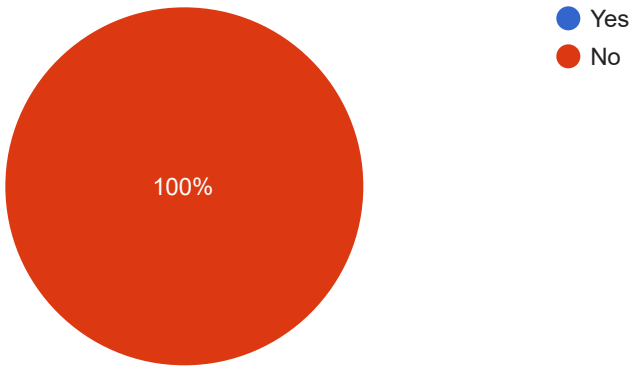


Image 19

5 responses

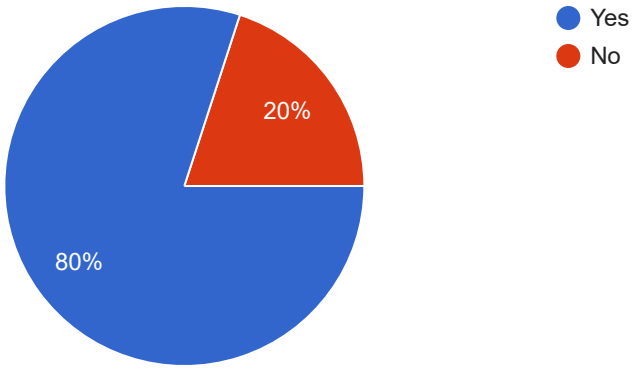


Image 20

5 responses

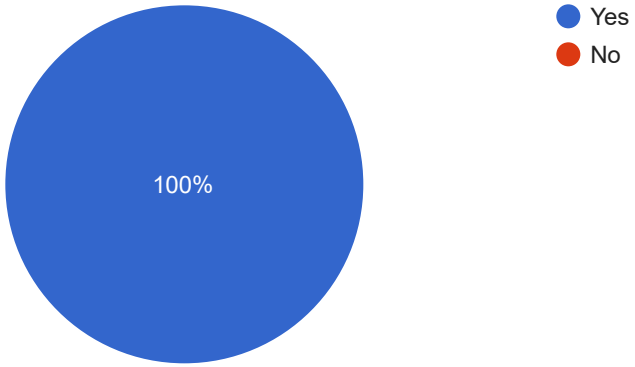


Image 21

5 responses

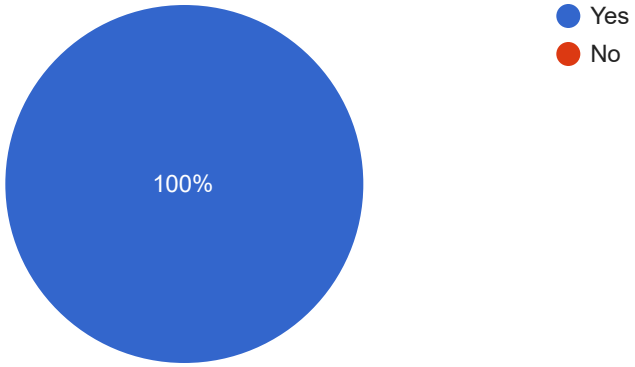


Image 22

5 responses

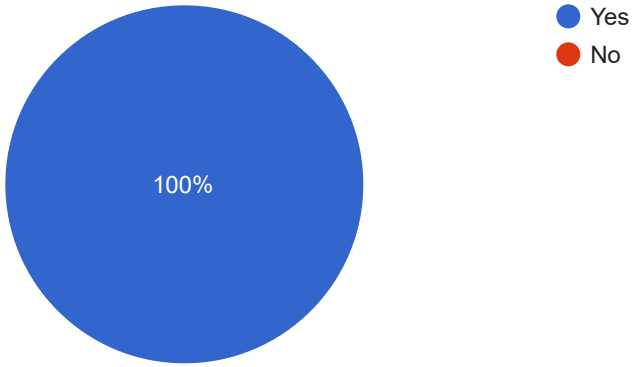


Image 23

5 responses

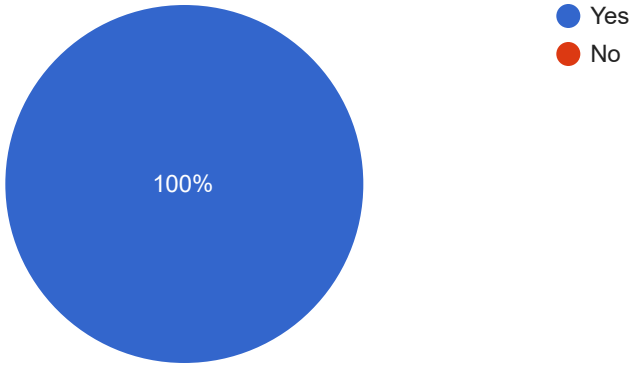
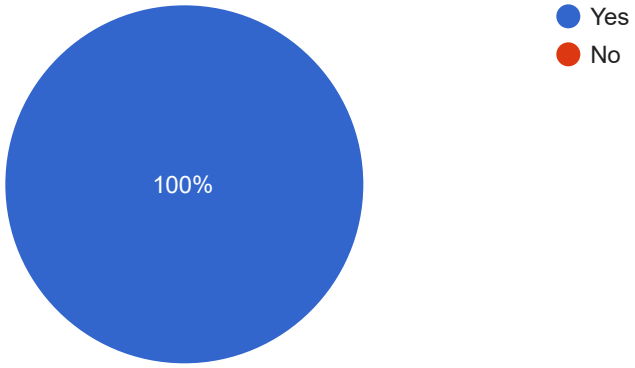


Image 24

5 responses



Questionnaire

What strategy did you use for detection?

5 responses

I would firstly look for differently coloured pixels which do not fit into the image. I would also look for blurred segments of pixels.

Strange pixelation or artefacts that don't occur in normal compression. Strange colours or textures.

I looked for missing pixels and areas of the image where it look as though something had been changed or there pixels were misaligned or out of place. I zoomed in and moved around the image.

- I was looking for distorted pixel colours
- If the photos appeared at a lower quality than they should of been

Looked for alterations to expected characteristics of images shown

Did this strategy change over the course of the evaluation and if so, to what?

5 responses

No

No.

I tried to keep this consistent when classifying the images once I realised what to look for and saw signs that there may be something hidden under the image.

- Stayed the same through the evaluation

Yes, initially was looking for blurry sections in photos but changed to identifying pixel alterations

Did you find it easier to gauge the presence of a payload as the evaluation progressed?

5 responses

To some extent, although some of the older images were still difficult to evaluate.

Yes.

Yes, I started to fabricate an idea of what I was looking for as described in the first response above. I became more confident in what I was trying to achieve and therefore classified them faster.

Yeah, It felt much easier to detect the presence of a payload

Yes

Do you feel you would be able to categorise the images with payloads into the algorithm used?

5 responses

Yes, because for some images the colour changes were much more obvious.

Yes I do, there was a significant gap in quality between the images and it is clear which were related.

I could classify images that were done with the poorest algorithm but I dont think i could recognise the difference between the other two.

To some extent, yes as some where much more noticeable to the human eye

After considerable experience there was consistency among the poorer algorithm in identification, however the more powerful algorithms were hard to distinguish between