

Image Steganography

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Image Steganography is the process of hiding information which can be text, image or video inside a cover image. The secret information is hidden in a way that it not visible to the human eyes.



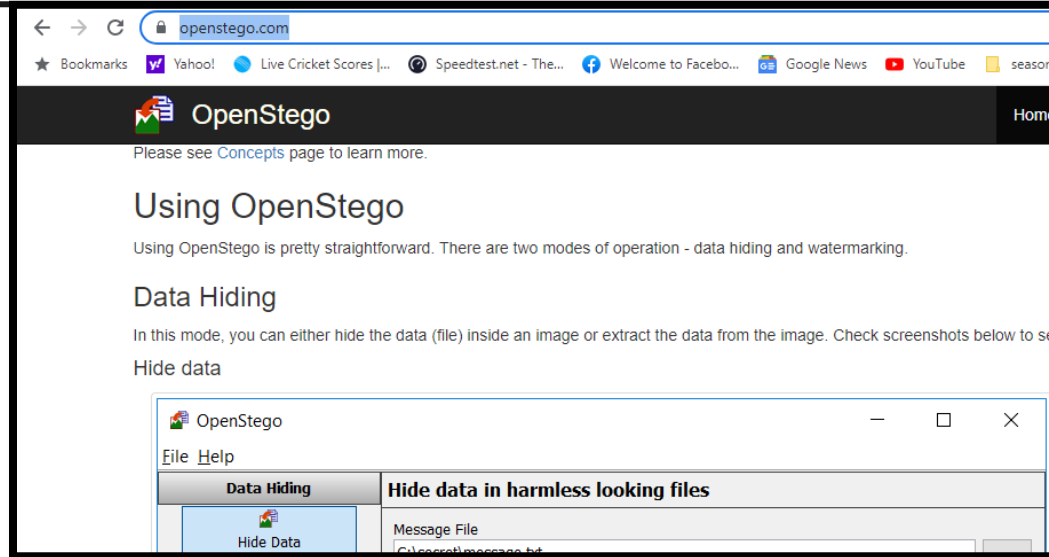
Open Stego

Free tool to use for image steganography

Step-1

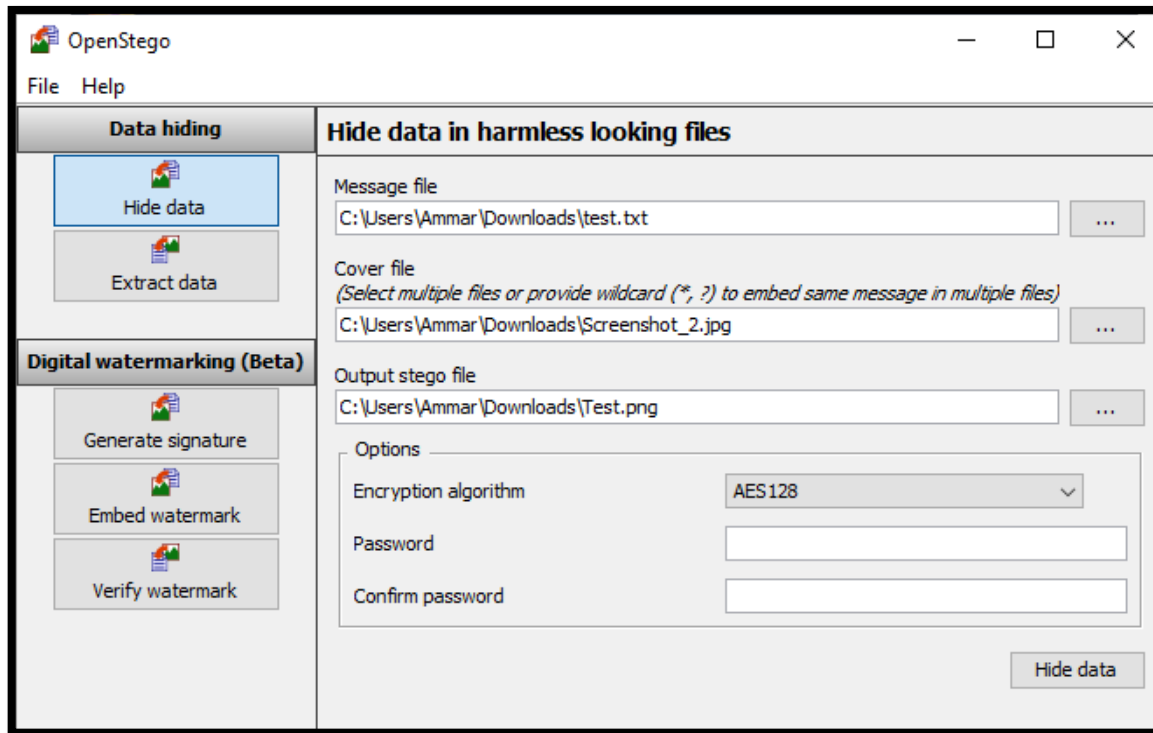
- ❖ Download and install the tool from the official website

<https://www.openstego.com/>



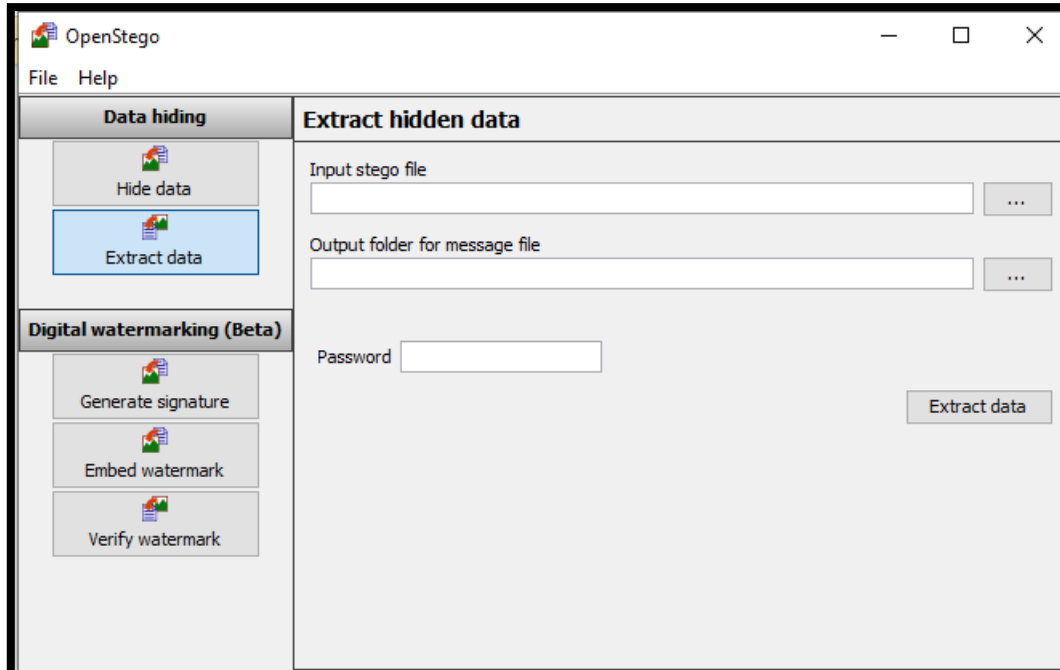
Hiding data

- ❖ Select message file and cover file to hide data and click on hide



Revealing data

- ❖ To see the hidden message, click on extract data, select the image file and click extract





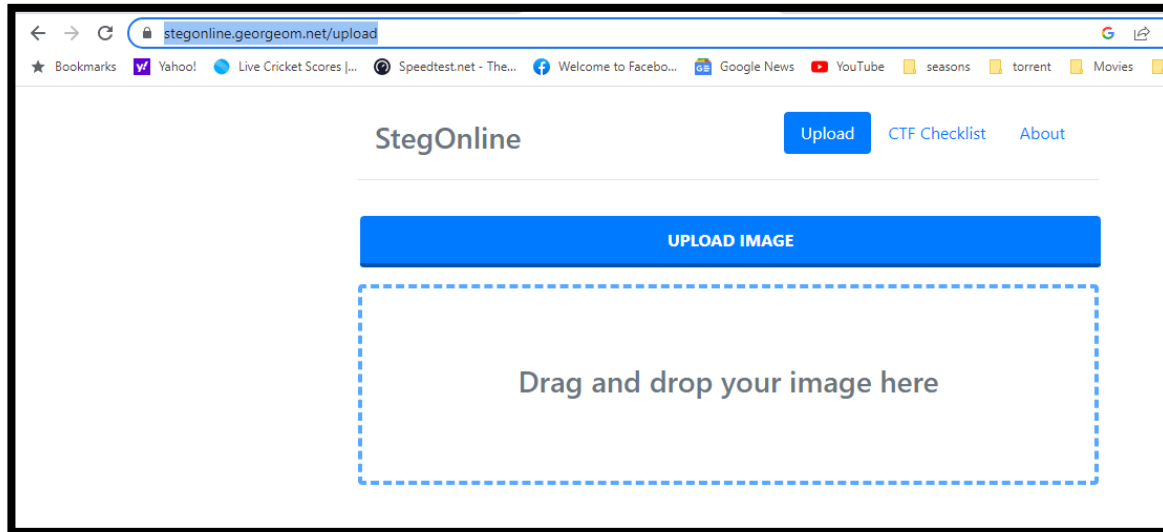
StegOnline

An online tool for image steganography

Step-1

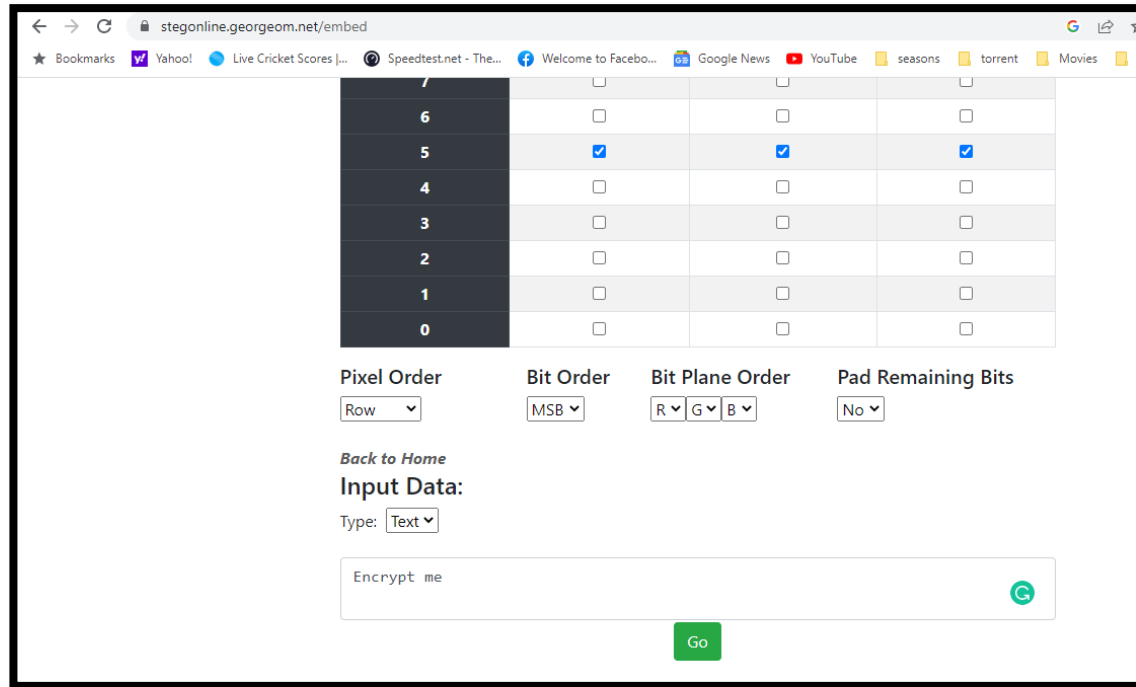
❖ Open the Website and upload your image

<https://stegonline.georgeom.net/upload>



Hiding data

- ❖ Select the option to embed images with data, write your data and select the selection boxes to add randomness



The screenshot shows the web interface for stegonline.georgeom.net/embed. It features a grid of selection boxes for embedding data in an image. The grid has 7 rows (labeled 0 to 6) and 4 columns. The row labeled '5' has all four checkboxes checked. Below the grid are four dropdown menus: Pixel Order (set to 'Row'), Bit Order (set to 'MSB'), Bit Plane Order (set to 'R', 'G', 'B'), and Pad Remaining Bits (set to 'No'). There is a 'Back to Home' link, an 'Input Data:' section with a 'Type:' dropdown set to 'Text', a text input field containing 'Encrypt me', and a green 'Go' button.

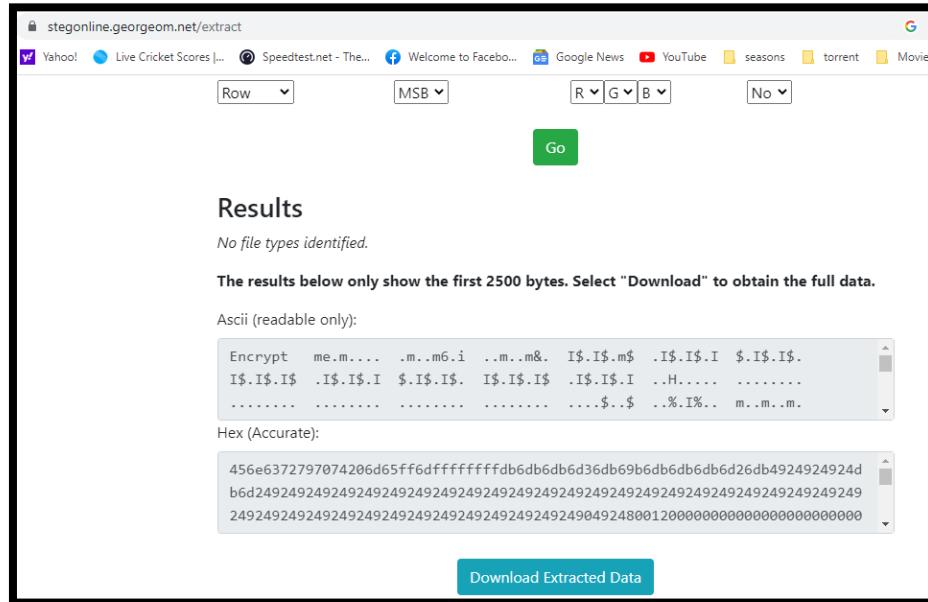
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Pixel Order: Row
Bit Order: MSB
Bit Plane Order: R G B
Pad Remaining Bits: No

[Back to Home](#)
Input Data:
Type: Text
Encrypt me
Go

Revealing data

- ❖ To see the hidden message, Upload the image, select extract data, select the same options and your message will be displayed



DEMO



THANKS