Explanation:

message\_to\_binary: Converts a message (string, bytes, or integer) to its binary representation.

binary\_to\_message: Converts binary data back to a string message.

hide\_data: Embeds the secret message into the image using the Least Significant Bit (LSB) technique.

reveal\_data: Extracts the hidden message from the image.

Usage:

To hide a message, call hide\_data with the input image path, the secret message, and the output image path.

To reveal a message, call reveal\_data with the path of the image containing the hidden message.

Make sure to have the Pillow library installed (pip install pillow) to handle image processing.