



DATA ENCRYPTION USING LSB

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Project Proposal

# Abstract

The proposed project will be designed to encrypt messages within images using concepts presented in the Least Significant Bit (LSB) and Advanced Encryption System (AES) algorithms. The app will have a similar design to a photo upload application. The focus of this project has shifted slightly since its proposal. As the project proceeded, further interest was found in encrypting messages within images. This is something that is not commonly used, and as a methodology is interesting to test. Therefore, the idea is to encode a message and place it within an image to provide obscurity.

# Introduction

# Background

# Methodology

# Experiments

# Discussion

# Conclusion

# References

Savani, Hussain. “Image Steganography.” *LinkedIn SlideShare*, 2 Jan. 2014, [www.slideshare.net/hussainsavani/image-steganography](http://www.slideshare.net/hussainsavani/image-steganography).

Pandey, Aishwarya, and Jharna Chopra. “Steganography Using AES and LSB Techniques.” *International Journal of Scientific Research Engineering & Technology (IJSRET)*, vol. 6, no. 6, June 2017, pp. 620–623.