EECS 4980:805 Inside Cryptography

DES Analysis Project

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The purpose of this analysis is to understand the result of applying the Data Encryption Standard (DES) algorithm. The data collected will help to paint a picture of what the algorithm does as a whole which is difficult to observe by just looking at an encrypted file.

The first data collected is on byte frequencies. The graphs below illustrate the byte frequencies before and after encryption. Prior to encryption there are

Byte Frequencies: