# Test Automation Pipeline

This document provides details on the test automation pipeline for encrypting and decrypting environment files.

## Script

#!/bin/bash  
LOGFILE="encrypt\_decrypt.log"  
  
if [ "$1" == "encrypt" ]; then  
 openssl enc -aes-256-cbc -salt -in .env -out .env.enc  
 echo "$(date): .env encrypted to .env.enc" >> $LOGFILE  
elif [ "$1" == "decrypt" ]; then  
 openssl enc -aes-256-cbc -d -in .env.enc -out .env  
 echo "$(date): .env.enc decrypted to .env" >> $LOGFILE  
else  
 echo "Usage: ./encrypt\_decrypt.sh [encrypt|decrypt]"  
fi

## Pipeline Execution

1. Make the script executable:  
 chmod +x encrypt\_decrypt.sh  
2. Test encryption and decryption:  
 ./encrypt\_decrypt.sh encrypt && ./encrypt\_decrypt.sh decrypt  
3. Verify outputs:  
 Check for the presence of .env and .env.enc files.  
4. Review logs:  
 cat encrypt\_decrypt.log