# CS333 Final Project Proposal

## Team (list all members)

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## High-level Idea (a few sentences, at most)

I will test the performance and accuracy of various methods of erasure coding through various magnitudes of lost data.

## Project Goals

I want to better understand how effective erasure coding is, as well as find out the pros and cons of using the different methods. I also want to get better at writing performance tests and using third-party APIs.

## Description of Project Deliverables

A short paper describing the erasure coding methods I use, my testing code, and the results in the form of a table documenting the performance and accuracy of the methods used.

## List of Milestones

1. Come up with a list of erasure coding methods.

2. Download the libraries for the methods, and decide what language to use.

3. Write code to generate and encode data

4. Write code to delete portions of data

5. Write code to decode data and test performance and accuracy

6. Perform test multiple times to get an average

## Required Technology/Resources

I need to download the erasure coding libraries I want to use.