

# Lab 3 - Parallelizing $k$ -means, Stat 215A, Fall 2024

October 5, 2024

Please use this structure for your report. Your report should be no more than 12 pages, including figures. Do not include *any* code or code output in your report. Indicate your informal collaborators on the assignment, if you had any.

## 1 Introduction

## 2 Similarity implementation

## 3 Algorithm 1 implementation

## 4 Result

## 5 Academic Honesty

### 5.1 Statement

Please include your academic honesty statement here. Do NOT include your name.

### 5.2 LLM Usage

If, in accordance with the policy in `lab3-instructions.pdf`, you used LLMs when completing this lab, please see the instructions for what to write here.

#### Coding

#### Writing

### 5.3 Collaborators

List your collaborators here.

## 6 Bibliography

Include any references you used in your report here.