# 1. Introduction

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**The report submission and peer review tool will be released after the Part A due date. The weight of the written report/peer review component will appear on the progress chart only after this tool has been released.**

In this project, we will analyze two networks datasets, with the goal of understanding the behaviors and relationships between the actors in these datasets.

You can download the datasets at this link: networks_homework_data_CAVIAR.zip.

**Updated (October 20):Weighting**

The entire homework is worth **87 points** , and is organized as follows:

- Problem 1 Citation Network: 17 points total
  - Autograded part: 12 points
  - Written report part: 5 points
- Problem 2 CAVIAR network: 40 points total
  - Autograded part: 15 points
  - Written report part: 25 points
- Problem 3 Open Ended Project: 12 points total
  - Written report part: 12 points

In total, autograded questions make up 27 points, and the written report questions make up 42 points. The remaining 18 points are divided into

- Peer Review: Grading and Comments: 12 points
- Most Valuable Comments: 6 points

**Computational resources**

Analysis of these datasets can be computationally demanding. It is recommended that you start early, to ensure that you have time to compute all necessary quantities. If the computational resources that you have access to are limited, consider completing your homework using the free **Google Colab** resource. Google Colab provides a reasonably fast virtual machine in which you can run Python data analysis. The solution set was created using Colab to ensure that no required questions exceed a reasonable amount of computing time.

You can find Google Colab here. You will need to create (or use) a Google account in order to access Colab.

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## Discussion

**Topic:** Module 3: Network Analysis:Networks: Written Analysis, Peer Review and Discussion / 1. Introduction

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### [Staff] Is the description above correct?

question posted 2 months ago by **FlorenGS**

So, on this page it says that this homework is worth 130 points, but the progress bar indicates you can get up to 107.

It also says here that the autograded part of Problem 3 is 23 points, it hasn't been released yet?

And what is the deal with the project at the end? This page does not mention it at all, but it claims to be worth 15 points. Where do those 15 points go to?

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1 response

**karenechu** (Staff)
2 months ago

This project at the end is the last part of problem 3. Since we have not released the autograded part, the points do not add up. We will hopefully be able to release problem 3 data very soon and in any case will send an update around the lecture due date tomorrow. thank you for your patience!

Meanwhile, feel free to start with the time series lectures.

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