

Intro to Stochastics.

Exercise 2: Group Work.

1 Ex1: Mean, Median, Mode

Section	Word Count
Introduction	120
Background	135
Methodology	140
Analysis	160
Discussion	1500
Conclusion	120

Your Tasks:

- Calculate the **mean** (average) word count.
- Find the **median** word count.
- Which value (mean, median) is more useful and why?
- Determine the **mode**, if any.

2 Ex2: Cumulative Absolute Frequencies (CAF)

	1	2	3	4	5	6	7	8	9	10
Grade	4	1	1	2	3	3	1	4	2	2

Your Tasks:

- Create a table with absolute frequencies (scores = [1,2,3,4,5,6]).
- Calculate the CAF.
- How many students have grade 3 or better?

3 E3: Scale of measure

Data Type	Scale
Author ID in a digital archive	
Genre of a literary work	
Number of citations for a research paper	
Frequency of a specific word in a text	
Reading difficulty level (easy, moderate, hard)	
Sentiment analysis score (e.g., -1 to 1)	
Number of words in a historical text	
User engagement level (low, medium, high)	