

# Rubric for Essays 1 & 2

## Data Literacy

### Grading Basis

- Criteria:
  - Does the essay meet the minimum criteria?
- Chosen Solution:
  - Does the essay demonstrate a full understanding of the strengths and weaknesses of the solution chosen and how they apply to the student's domain?
- Alternative methods:
  - Does the essay demonstrate a full understanding of the strengths and weaknesses of alternative methods as they apply to the student's chosen domain and make a strong argument why they are not choosing them?
- Use cases:
  - Does the essay articulate three use cases that are appropriately applied both to the method and the domain?
- Writing:
  - Is the essay written well, following the conventions of standard written English, and organized as a formal essay?

### Rubric

Criteria	1 pt.	2 pts.	3 pts.	4 pts.
Criteria	The essay does not meet the minimum criteria	N/A	N/A	The essay meets the minimum criteria
Chosen Solution	Shows limited understanding of the chosen solution	Shows a fair understanding of the chosen solution but does not properly justify its use in the context of the student's domain.	The essay demonstrates a good understanding of the chosen solution, indicating its applicability to the student's domain.	The essay demonstrates a full understanding of the chosen solution including its limitations as it relates to the student's domain.
Alternative Methods	Essay does not discuss the pros or cons of alternative methods	Essay discusses pros and cons in a very limited fashion	Essay discusses the pros and cons of other methods.	Essay discusses the pros and cons of other methods effectively while also making it clear why their use case remains most effective.
Use Cases	Provides no use cases	Provides too few use cases and they are not particularly applicable or they are not well justified.	Provides enough use cases but they are not particularly applicable to the domain or not well justified.	Provides at least three use cases. They apply to the domain and are well justified
Writing	The essay is not organized well, and includes many errors.	The essay is organized as a proper essay but contains numerous errors in grammar, organization, and construction.	The essay is written well, but it has some grammatical or organizational problems.	The essay is written very well with almost no errors in organization, writing, or grammar.

## Grade Calculation

---

Points Received	Grade
20 Point	100%
19 Point	95%
18 Point	90%
17 Point	85%
16 Point	80%
15 Point	75%
14 Point	70%
13 Point	65%
12 Point	60%
11 Point	55%
10 Point	50%
9 Point	45%
8 Point	40%
7 Point	35%
6 Point	30%
5 Point	25%
4 Point	20%
3 Point	15%
2 Point	10%
1 Point	05%

---