

### Paper 1, “Data clustering: 50 years beyond K-means”

Briefly summarize (2-3 sentences each):

1. Motivation/purpose of the paper (why they did it)
2. Methodology (how they did it)
3. Results (what they found)
4. Conclusions (what it means)

What parts of the paper did you spend the most time on? What parts seemed skimmable? Did you read the sections in order?

What vocabulary from the paper were you unfamiliar with?

What strategies did you use to learn this new vocabulary?

How would you rate the paper in terms of:

- Well-motivated scientific question
- Clear writing
- Novel and/or well-chosen method
- Scientific conclusions

Equation: (example below, replace)

$$\int_0^{\infty} e^{-x^2} dx = \frac{\sqrt{\pi}}{2}$$

Reference: “How to Read a Scientific Article,” Purugganan and Hewitt (2004)

## Paper 2, “Dynamic hierarchical algorithms for document clustering”

Briefly summarize (2-3 sentences each):

1. Motivation/purpose of the paper (why they did it)
2. Methodology (how they did it)
3. Results (what they found)
4. Conclusions (what it means)

What parts of the paper did you spend the most time on? What parts seemed skimmable? Did you read the sections in order?

What vocabulary from the paper were you unfamiliar with?

What strategies did you use to learn this new vocabulary?

How would you rate the paper in terms of:

- Well-motivated scientific question
- Clear writing
- Novel and/or well-chosen method
- Scientific conclusions

Equation: (example below, replace)

$$\int_0^{\infty} e^{-x^2} dx = \frac{\sqrt{\pi}}{2}$$

Reference: “How to Read a Scientific Article,” Purugganan and Hewitt (2004)

[Figure and summary:](#) (uncomment below)