

Learning Reflection Week 2

● Graded

Student

Piyush Acharya

Total Points

2 / 2 pts

Question 1

Learning Reflection

2 / 2 pts

✓ - 0 pts Correct

- 1 pt Missing 2-4 sentence summary
- 1 pt Missing ≥ 5 concepts/terms/topics with definitions
- 1 pt Missing ≥ 1 uncertainty/question
- 1 pt Late learning reflection
- 0 pts Please tag all pages associated with your submission. Points will be removed next time.

Question assigned to the following page: [1](#)

Summary:
 This week, we covered classification, specifically how to use the logistic regression model to classify sentiments in reviews. We learned how to score reviews and also learned how to use the confusion matrix to classify TP, FP, FN, and TN. We also learned how to use gradient ascent and how similar to linear regression, larger weights result in a steeper logistic regression curve which means that it's becoming more overconfident. We clarified the usage of gridsearch to find the best lambda and eta for a logistic regression model.

Understandings:
 • How exactly does the stepwise function work?
 • I don't really understand what likelihood has to do with the quality metric's calculation
 • What is the learning rate used for in linear regression and how does it differ from logistic regression?

Concept diagram:

