

This handout includes space for every question that requires a written response. Please feel free to use it to handwrite your solutions (legibly, please). If you choose to typeset your solutions, the `README.md` for this assignment includes instructions to regenerate this handout with your typeset  $\text{\LaTeX}$  solutions.

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1.d The classification was incorrect usually because there was negation existing in the sentence. If the classifier could tell the sentiment for consecutive words instead of just single word, it could help.

1.f The larger  $n$  is, the classifier can predict better based on the consecutive sentiment of words.

Review: It's not bad.

This is a positive review, but word feature would predict it as negative based on "not" and "bad", while  $n$ -gram might be able to learn "not bad" as positive.