

# CS 6350

## ASSIGNMENT 2

Name of student:

Prathamesh Kulkarni – pdk220001

Number of free late days used: 0

Note: You are allowed a **total** of 4 free late days for the **entire semester**. You can use at most 2 for each assignment. After that, there will be a penalty of 10% for each late day.

Please list clearly all the sources/references that you have used in this assignment.

1. <https://web.stanford.edu/~jurafsky/slp3/4.pdf>
2. <https://medium.com/@Coursesteach/natural-language-processing-part-17-laplacian-smoothing-7d4be71d0ded>

Part-1:

<https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/2458047614741955/2628117978887230/4060260340711020/latest.html>

Part-2:

<https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/2458047614741955/2628117978887247/4060260340711020/latest.html>

Attached in submission:

1. PDF file for detailed algorithm for part 1
2. PDF file for algorithm and results for part 2

Link to GitHub repo: <https://github.com/prathameshk03/CS6350-Assignment2>

Link to the dataset: [https://github.com/prathameshk03/CS6350-Assignment2/blob/master/movie\\_review\\_dataset.csv](https://github.com/prathameshk03/CS6350-Assignment2/blob/master/movie_review_dataset.csv)