580 Final Report

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1 Paper Presentation (a)

- Example: Selecting books to recommend at a book store (Selective Advertising)

- Anchored: The algorithm will predict the most popular book, then the store selects

- Unanchored: The store selects their best recommendations, the algorithm suggests book options, then the store compares.

This example demonstrates another test of the joint efforts of algorithms and human input, which would likely demonstrate the different advantages and disadvantages of both methods.

2 Class Absenteeism

- The downloaded folder was unzipped and the extra uploaded day was removed from the folder.

- The OpenAI provided text extractor 4o model was used to extract the text and converted it to a readable CSV file. Each file was read in one at a time.

- 26 in class days: 1. 8/19 2. 8/21 3. 8/26 4. 8/28 5. 9/2 6. 9/4 7. 9/9 8. 9/11 9. 9/16 10. 9/18 11. 9/23 12. 9/25 13. 9/30 14. 10/2 15. 10/7 16. 10/14 17. 10/16 18. 10/21 19. 10/23 20. 10/28 21. 10/30 22. 11/4 23. 11/11 24. 11/13 25. 11/18 26. 11/20

- The calculated median was 33 students.

- The date with the lowest attendance was 11/20

- The date with the highest attendance was 8/21

- The days with course evaluations had towards higher attendance relative to normal class sessions. Quiz 2 had 13 extra students from the previous class session and 15 more students than the class after. Quiz 3 had 13 extra students from the previous class session and 22 more students than the class after. The paper presentaion day had 15 extra students from the previous class session and 20 more students than the class after.