Project Report 5

Ethics Engineers

1. Describe the “answer” you’ve found to the problem you’ve been working on. What have you learned? What will we learn? Remember, your answers should be BRIEF!
   1. We found that factors like article sentiment and category strongly influence user behavior. LightFM works best for regular users by leveraging past interactions, while LSTUR performs better for new users with no history. Negative sentiment articles drive higher engagement across all users. LightFM struggles with equity for new users, while LSTUR balances fairness but is less precise overall. This shows trade-offs between personalization and fairness in recommendations.
2. Describe succinctly what you (and your group) plan to do the in last 15 days before the deadline. Remember, your answers should be BRIEF!
   1. We’ll finalize comparing LightFM and LSTUR on fairness and personalization, analyze the impact of article characteristics on user behavior, and refine our conclusions on ethical implications. We’ll also finish our report and visuals to present how the models handle equity and engagement effectively.
3. Github