

Group 8 ideas

CS 411

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1. Instagram Data analysis & Post recommendations

Our project is to pull the Instagram history of our users and analyze it to help them create post that will have a higher chance of interaction from their followers. After the user authenticates our app to access their profile, we will pull their image data, which includes: the image itself, date and time of the post, location, tags, number of likes and comments. Using this data alone we will be able to recommend the best tags to use and best timing for maximum follower interaction. Additionally, using cloud analysis services, we can figure out the content of the image itself and make recommendations based on that. For instance, we can figure out black and white images and videos that includes pets gets the most likes.

2. Video recommendations based on personal profile

Our project is to use the data from our users Facebook and Twitter to figure out their interests and hobbies. Using these, we will be able to create a custom Youtube and Netflix playlist that the user is most likely to like. In addition to that, our app will watch the users recent post for relevant recommendations. For instance, if the user were to share posts about politics, we will recommend videos on recent debates and commentaries.