Siddhanth Goyal  
Alistair Ng  
9/28/2018

Python Project Ideas:

1. Political Sentiment Calculator: Analyzes your Facebook & the feeds of your friends, and shows you the political biases of your Facebook friends and news feed. The app assigns each of your friends a score based on our prediction of their political leanings then displays a graph of your friend list. Then it calculates the political bias in the content of your news feed and compares it with the bias of your friends list to highlight possible differences between the two. It will compare your friends liked pages to a database of Facebook pages that have been rated for their liberal/conservative bias and then compute a score based on any matches.

2. Workout Development Calculator: We want to create personalized workout routines for users, based on their gender, fitness levels, medical history/health, and develops a personalized workout routines. It changes over time and makes updated recommendations based on user’s data, workout completion, age, workout data, intensity, equipment access, etc.

3. Music Recommendation Developer: users enter the genre they’re interested in, similar artists, year of release, etc. and the app develops a custom Soundcloud Playlist for you.

4. Create a tool that analyzes pdf & epub files, and recognizes important concepts & material, and develops flashcards / small questions to help

5. TV Show Tracker - Got a favorite show you don’t want to miss? Don’t have a PVR or want to be able to find the show to then PVR it later? Make an application which can search various online TV Guide sites, locate the shows/times/channels and add them to a database application. The database/website then can send you email reminders that a show is about to start and which channel it will be on.

6. Budget Tracker - Write an application that keeps track of a household’s budget. The user can add expenses, income, and recurring costs to find out how much they are saving or losing over a period of time. Optional: Allow the user to specify a date range and see the net flow of money in and out of the house budget for that time period.

7. Event Scheduler and Calendar - Make an application which allows the user to enter a date and time of an event, event notes and then schedule those events on a calendar. The user can then browse the calendar or search the calendar for specific events. Optional: Allow the application to create re-occurrence events that reoccur every day, week, month, year etc.