Personalisation and Machine Learning

Assignment 1, 2, 3

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Hello,

Please find below the link for the public GitHub repository that includes my 3 Assignments.

https://github.com/22046361/PML_Submission_Assigments

I have included the notebooks (Assignment 2 & 3 were developed Colab) and the printed PDFs for each one.

Each notebook includes the given code and the code answering the tasks, together with comments.

Please do let me know if you have any issues accessing the files.

Assignment 1 Summary.

I run the code for all tasks. I have elaborated on the Task 2 - Song Similarity & Task 3 - Top N Recommendations including comments based on the suggested questions for each of those tasks. I used a personal playlist for this assignment. The playlist is called 'Make it Rain - Live'. It has 18 songs of varied artist in English. I have included comments explaining the process I followed to answer the tasks, and my reflections on the results.

Assignment 2 Summary.

I had to run the provided notebook on Colab, as it was not running in my personal laptop.

I used the code from the Week 6.1 Embedding for Recommendations Notebook, with the needed uploading code adjustments for Colab.

My responses for both Tasks are at the bottom of the page, included comments on the process I followed and references for new code used.

Assignment 3 Summary.

Similarly to previous one, I had to run this assignment in Colab.
The notebook is based on the Week 7.2a_Five_Personality notebook.

My responses for both Tasks are at the bottom of the page, included comments on the process I followed and references for new code used.

Thank you very much for the great lectures and variety of knowledge and methods shared during the term. Apologies for not being able to attend the in person the sessions (I was teaching on Mondays and Thursdays…). I did however watched all your lectures online.

@ Louis, Congratulations on your new little arrival!

Have a great summer! :)