Term-3-Personalisation-and-Machine-learning-Inclass-Assignments

Repository to all assignments:

https://git.arts.ac.uk/21035961/Term-3-Personalisation-and-Machine-learning-Inclass-Assignments

Assessed Assignment 1

Task 1 We're going to ask you take the trained model and write the code to make two metrics - Diversity and Novelty. You should end up with one statistic for each that tells you something about the recommendations of the trained model based on the whole dataset.

Task 2 Using a dimensionality reduction approach, plot the top 30 best rated films on a 2-D graph based on their movie embeddings. Label each point with the title.

Submission:

Notebook - JupyterNoteboook and PDF

Assignment 2 :

Problem Statment: How might we provide potential students visiting the UAL website more relevant/tailored course recommendations? (You do have the option to propose a different problem statement within the UAL website context and design for that).

Follow the design process to develop and propose a system/approach. You should utilise Patterns from People+AI Guide Book to guide your design and make it clear in your report how you've incorporated them.

The submission will be in the form of a report ranging from 800-1000 words showcasing your unique approach. The submission should also include your problem statement, stakeholders, user persona (with their needs), and user journey to frame the context. Furthermore the report should include wireframes of this proposed approach clearly showcasing how it will work within the current website.

Submission:

Report - Word document and PDF and Hand written Wireframe

Assignment 3 - Completed Deployment Task from Week 6.2

Complete a personal website hosted on git.arts that makes a prediction (based on test or random values for now) using the Rent the Runway model when a button is pressed.

This is essentially up to item 6 week 6.2 activity

Submit a pdf with a url to your site. It must be publically accessible!

Submission:

All Files - All Files Site: https://git.arts.ac.uk/pages/21035961/SiteSite/

Disclaimer

All code in assignment 3 is based on the step by step procedure we were intended to follow, any python and markup (html) language used has been provided by the course leader in the form of links to the relvant sites to create button and headings and any other requirments we were intented to meet.