SECTION 5: USER GUIDE

To run this system on your computer

Requirements

Enter folder:

$ cd SystemCode/course-recommendation-main

Install dependencies:

pip install -r requirements.txt

Run Django web server:

python manage.py makemigrations

python manage.py migrate

python manage.py runserver

Go to URL using web browser http://127.0.0.1:8000/

User Guide

1. Installation Guide

   As the development and debugging of this project is based on the Windows operating system, we strongly recommend that you use Windows to run our system. All the following guides are based on Windows.

   - Step1: Download and install Anaconda

     You can skip this step if you have downloaded and installed anaconda. Anaconda is an open source distribution of Python and R that simplifies package management systems and deployment. You can download Anaconda from their website and install it by following official instruction.

   - Step2: Create a new conda environment

     As a large number of third party Python packages will be used in this project, you should create a new conda environment to avoid conflicts between packages.

Type in conda prompt: conda create -n your env name python=3.8

- Step3: Clone or download our system from Github

  You can use git command to clone our project from Github. Type in git prompt: git clone https://github.com/Theno-Chan/CourseraCourseRecommender.git

  Or you can directly download system code from Github.

- Step4: Install the Required Python Packages

  You need to change directory to the Clone Repository folder or download folder.

  Type in cmd: cd /to/the/right/folder

  And run this command in cmd: pip install -r requirements.txt

- Step5: Run web server

  Run this command in cmd: python manage.py runserver

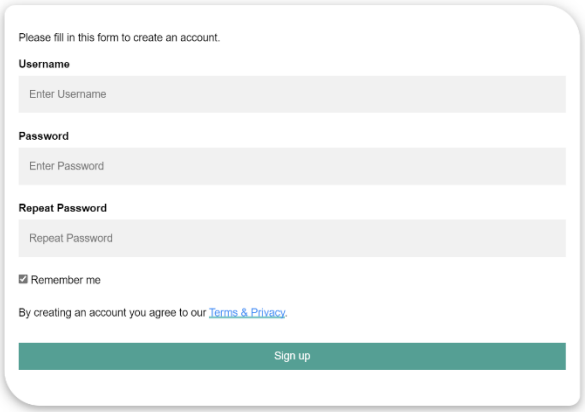
  After running, you can open your web browser and type 127.0.0.1:8000 in the address bar. Then you will be directed to the index page!

2. User Manual

- Sign up for a new account

  Click on the "signup" button on the home page and you will be redirected to the registration page. You should enter your username as well as your password in the corresponding fields on the new page and click on the "Sign up" button.

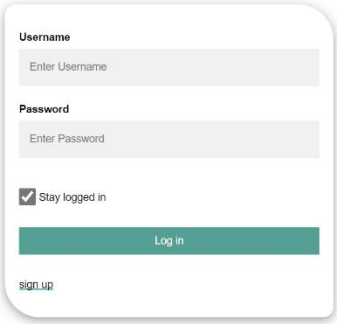
WELCOME!



- Log in

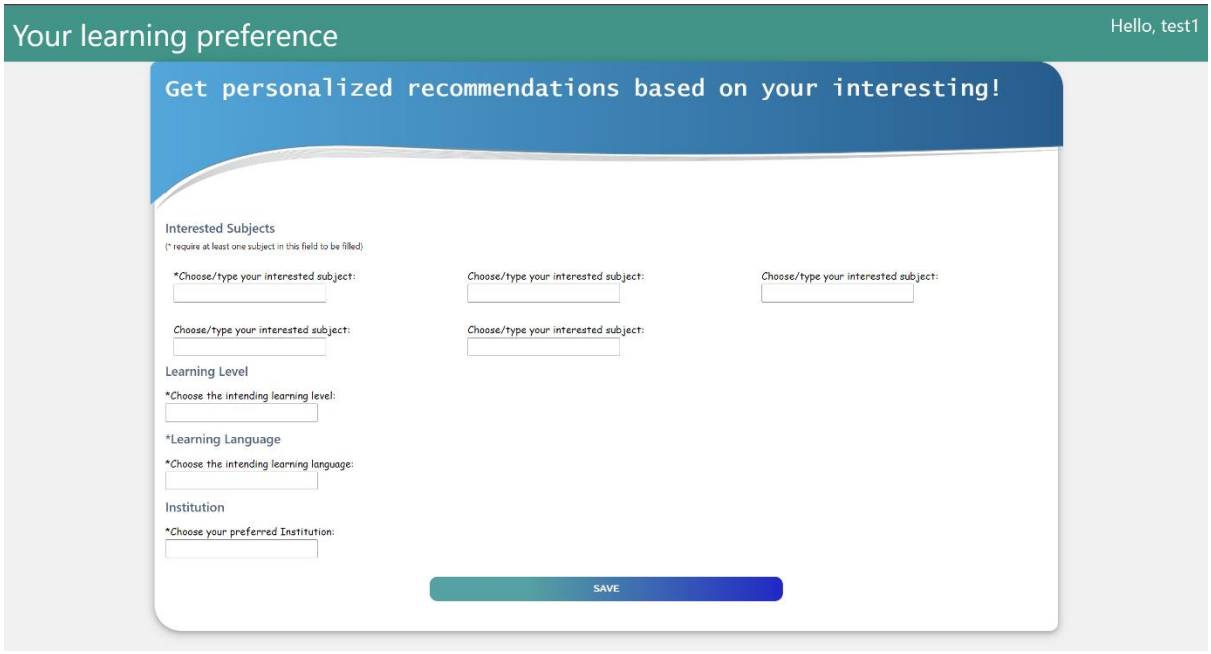
  You should enter your username as well as your password in the corresponding fields on the home page and click on the "Log in" button.

Course Recommendation System



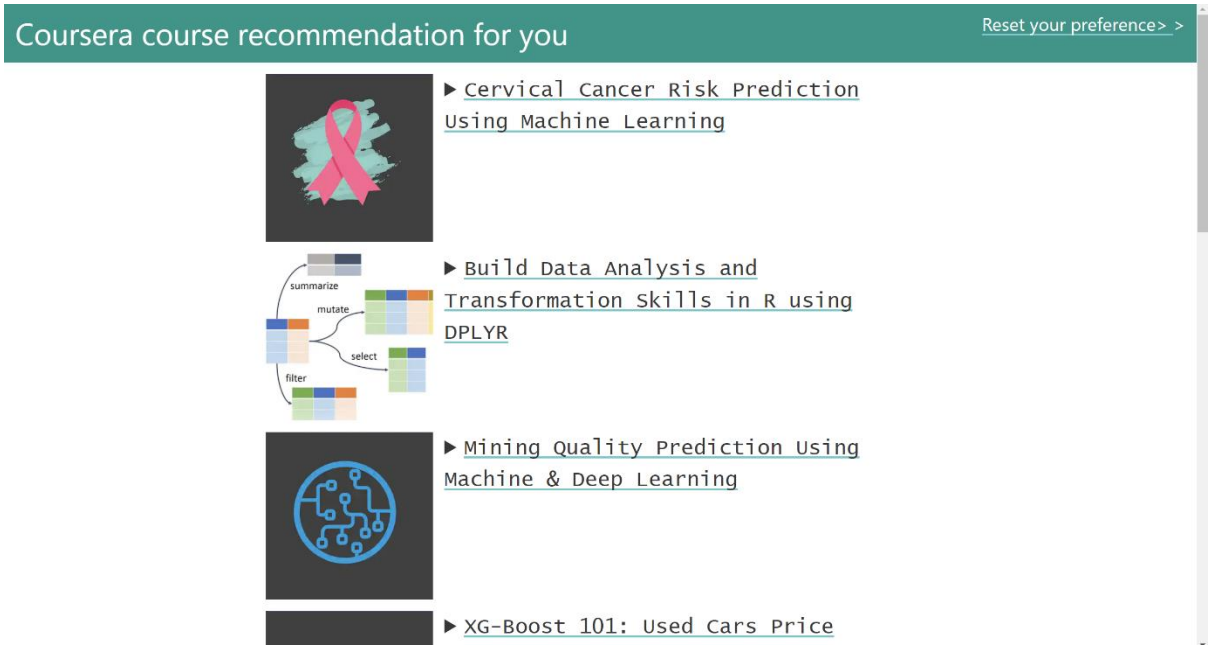
- Set up your preference

  You will access this part in two ways: when you first register your account or when you click the "Reset your preferences" button. You should enter at least 1 subject and up to five subjects. And other fields marked with an asterisk are required.



- Personalised recommendations

  Once you have finished logging in or completed your preferences, you will be able to access the personalised recommendation results. This page will display the top ten recommendations calculated by the model and you can view basic information about the course on this page. You can also click on the course link to access the course details.



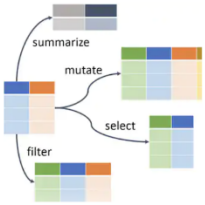
- Courses details and recommendations

  This page will show you details of the course you clicked on, as well as ten similar courses recommended by the system.

Coursera course recommendation for you

Reset your preference

Build Data Analysis and Transformation Skills in R using DPLYR



Congratulations you've made it to Part 2 of the DPLYR series! In a moment you will be taken to Rhyme where a Virtual Machine with R, R Studio and DPLYR awaits. Once there you will begin the Project where you will be introduced to the Rhyme Interface and subsequently learn how to use the DPLYR verbs in a more advanced way by building on the foundation learned in the previous course. Come in, get experience using R and learn new ways to use the dplyr functions. By the end of this course, you will be able to: To practice the basic dplyr functions and how they are used To learn advanced features of the dplyr verb 'mutate' To implement the verb mutate over a data set in place of a 'for loop' To continue thinking in dplyr verb phrases (ex. filter, aggregate, and transform data)

visit the source page

Offered by: Coursera Project Network

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Rating: 4.7

Level: Beginner

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