Task 7.2: Intelligent Recommendation system (Design)

Overview:

In this assessment, you need to design and develop an intelligent system using machine learning for a business to **automate product recommendation** for their customers. You need to pick one domain or industry and design and develop your own recommendation system based on it. Recommendation system can be useful in different industries from retail to news to health. Traditionally, business had to train or hire an assistant to make a personalized recommendation to customers. Now we can provide **customized recommendation** at scale by using artificial intelligence to understand **customer preference**. This system needs to interact with the customer and process customer request. The customer use the conversational interface (bot) to interact with the system using text, image and etc.

In the first week, you need to prepare and submit a proposal of your idea. The proposal should include the selected domain or industry, architecture and scenario of the model. You need to submit the proposal and get the approval from your tutor. Only the approved proposal are able to complete the task.

This task will help you to understand how to design and build an intelligent system using AI.

Submission the following file to Ontrack:

For this task you need to design and build develop an intelligent system using machine learning system for a business to automate product recommendation for their customers. To do this you need to follow the instruction:

- Submit the proposal of your intelligent system. The proposal should include the idea of the intelligent system, the architecture and scenario of your system. This proposal should be submitted within the first week and be approved by your tutors.

The focus of this task is on building a recommendation system.