IT4472 Programming for AI

Declaration of Use of Artificial Intelligence Tools

Please complete the following form with the submission of the Mini-Project. The submission is on a group basis. **This form must be included in your submission**. **Otherwise, 10% of the mark will be deducted.**

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| Which generative AI tool(s) did your group use (name and version)? Write down “N/A” if your group did not use any AI tools. | We used the AI model DeepSeek R1,POE and Qwen3-235B-A22B |
| Which area(s) did your group use the generative AI tool(s) to assist in your project? | We mainly focus on the areas of data analysis and algorithm framework |
| How have your group used or changed the outputs from the generative AI tool(s)? | We mainly use AI tools to understand relevant recommendation algorithms , methods for processing Chinese texts and the use of Django framework |

* **Declaration 1**  
  (Other declaration, if any.)  
    
  We acknowledge to using POE to generate methods for processing Chinese text.   
    
  We entered the following prompt: "I want to cut Chinese text and analyze words in Python. What methods should I use and which libraries should I use?"  
    
  POE provided that it uses the jieba library to process Chinese. We searched for information online and modified it to make the code more suitable for the data format of our database.
* **Declaration 2**  
  We acknowledge the method of using DeepSeek to generate collaborative filtering recommendations.  
    
  We entered the following prompt: "I want to know how to implement collaborative filtering algorithms in Python, and can recommend Chinese."  
    
  According to the code generated by DeekSeek, we made changes to the place where data is read and connected the database to the interface.
* **Declaration 3**We admit to using Qwen to query the algorithm logic.  
    
  We entered the following prompt: "I want to filter the data when crawling the web, read the appropriate data, how to read it"  
    
  According to the code generated by Qwen, we made changes to the place where the data was read and made corresponding changes to the outliers.

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**Class: \_DSAI\_1A\_\_\_\_\_ Group No: \_\_\_\_\_\_6\_\_\_\_\_\_\_ Date: \_2025/7/7\_\_\_\_\_\_\_\_\_\_\_\_**