**Requirements:**

* scikit-surprise~=1.1.2
* pandas~=1.4.4
* numpy~=1.23.3
* sentence-transformers~=2.2.2
* unidecode~=1.3.4
* for bot

1. nltk ~=3.7
2. re ~=2.2.1

**Instructions on Running the Code:**

Create a Python virtual environment, activate it, and install the requirements. Go to main.py and run it. Before that check the file locations, all pythons files in one folder and good\_books\_10k in a separate folder inside python files folder. And saving all the models in another folder like books, and results of recommendation in another.

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

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Description automatically generated

After saving all files, first run all ‘.py’ files except main.py, see if you are getting any file location errors. Next go to Jupyter notebook and run DataCleaning.ipynb next RecommderTraining.ipynb then after run Demo.ipynb or main.py or Chat-Bot.