**Project: Enrollment data in a college**

Scope: The program processes multiple text files with class enrollment data to find eligible students for a course. This is done by:

* Checking pre-req for the course
* Comparing pre-req courses with student’s prior classes

End User: Registrar office in colleges, schools or online education portal can use it

Packages used: OS, OS.PATH, Text processing and List manipulation

**Project: Movie Recommendation**

Scope: The program generates a genre wise movie recommendation for a user based on past movie ratings by the user. The program uses data from IMDB website for new recommendations.

End User: Any user can use it to get movie recommendations in different genre

Packages used: Pandas, Numpy, groupby and join functions

**Project: Hotel Rating & Recommendations**

Scope: The program accomplishes two things:

* Creates a plot showing mean ratings and number of reviews for a selection of hotels in a chosen state and cities.
* Generates a barchart that shows percentage of reviews for the top 3 hotels with highest average ratings

End User: Any user can use it to hotel recommendation in a chosen state and cities

Packages used: Matplotlib, Matplotlib.pyplot, pandas, numpy

**Project: Generate Order Summary**

Scope: The program generates a time wise order summary for a coffee shop. User can select the frequency to accumulate the data and the program uses the details of all the orders in the store

End User: Any store manager can use it to get a summary of orders in the store

Packages used: Text processing and list manipulation