



## Input

User input -  
given book

Database of  
books - CSV  
input

Database of  
reader ratings

## Python part

Datasets load  
and merge by  
ISBN

Identification of  
users, who read  
the given book

List of all books  
read by  
identified users

Selection of  
books with  
amount of  
ratings above  
threshold

Creation of list of  
ratings for each  
book in the list

Take out given  
book ratings  
from list

Calculate  
average rating of  
each book

Take given book  
ratings

Correlation of  
given book  
ratings with  
other books  
ratings

Sort by  
correlation coef  
descending –  
selection of first  
10 books

## Output

List of books,  
with correlation  
and average  
rating

