

# Assignment – Global Baseline Recommendations

Choose at least six recent popular items (movie, books, television programs, courses, or other items that you find interesting). Design a survey asking respondents to rate each item that they have seen on a scale of 1 to 5. Send your survey out to family, friends, and/or class mates. You should get responses from at least five people that you know. There needs to be at least one respondent with at least two unrated items. Your task is to use the global baseline estimate algorithm to determine ratings for unseen items, then recommend an item to at least one of your survey respondents.

*This is by design a very open-ended assignment.* In general, there's no need here to ask "Can I...?" questions about your proposed approach. A variety of reasonable approaches are acceptable.

You should post your solution in a Jupyter notebook in an accessible GitHub repository, and provide a link in your assignment submission. Ideally, your survey response data should also be accessible on the web, for example, in your GitHub repo. This will make your analysis more reproducible.

Critic	CaptainAmerica	Deadpool	Frozen	JungleBook	PitchPerfect2	StarWarsForce
Burton				4		4
Charley	4	5	4	3	2	3
Dan		5				5
Dieudonne	5	4				5
Matt	4		2		2	5
Mauricio	4		3	3	4	
Max	4	4	4	2	2	4
Nathan						4
Param	4	4	1		?	5
Parshu	4	3	5	5	2	3