Project 332– Recommendation system

# Business objective- Generate the features from the dataset and use them to recommend the books according to the users

**Sample Data Set Details:**

1. **Users :-It contains user ID’s have been anonymized and map to integers. demographic data is provided (location, age if available) otherwise this fields contain null values.**
2. **Books :- Books are identified by their respective ISBN.**
3. **Ratings :-It contains book rating information. Ratings are either explicit, expressed on a scale from 1 to 10, Or implicit expressed by 0.**

**Acceptance criteria:**

To build the best model which gives the maximum performance, and need to deploy the model with either RShiny or Flask/ stream lit

# Milestones: Phase 1

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| **Milestone** | **Duration** | **Task start - End Date** |
| Kick off and Business Objective discussion | 1 day | 29-12-2023 |
| Data set Details | 1 Week – 1 ½ week | 29-12-2023 |
| EDA | 1 Weeks – 1 ½ week | 03-01-2024, 04-01-2024 |
| Model Building | 1 Week – 1 ½ week | 10-01-2024, 11-01-2024 |
| Model Evaluation | 1 week | 17-01-2024, 18-01-2024 |
| Feedback |  |
| Deployment | 1 Week | 24-01-2024, 25-01-2024 |
| Final presentation | 1 day | 31-01-2024 |
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Protocols:

1. All participants should add here to agreed timelines and timelines will not be extended
2. All the documentation – Final presentation and R/python code to be submitted before the final presentation day
3. All the participants must attend review meetings