

# Assignment - I

## Instructions:

1. **Download the Dataset:**
  - Download the dataset file to your local machine.
2. **Read the Data:**
  - Use Python with the Pandas library to read the dataset.
3. **Data Filling:**
  - Use forward interpolation with the mean value of the previous 4 rows to fill any missing values in the dataset.
  - Detect any cell with NaN(Not a Number) and replace it with same technique.
4. **Find the Most Popular Items:**
  - Determine the 10 most popular items based on their ratings. "Most popular" is defined as those with the highest average rating.
  - Display the top 10 most popular items along with their number of ratings.
5. **Visualization:**
  - Draw a bar plot of ratings vs. the number of items.
  - Plot ratings vs. prices.