

## Practice Exercise

### Objective:

In this exercise, you will use Power BI to analyze box office data for a set of movies, create engaging visuals, and extract meaningful insights.

### Dataset:

Employee\_reimbursement\_dataset.xlsx

### Task:

- Import the data and open the Power Query.
- The expense type column has some spelling and punctuation errors, correct them.
- Project names are not uniform, make it uniform.
- The Currency column has some missing values, based on the amount, create a new custom column.  
Formula: (if [Currency] = null and [Amount] >= 1000 then "INR" else if [Currency] = null and [Amount] < 1000 then "USD" else [Currency] )
- Convert the "amount" column to INR based on the "currency" column. Use the USD and Euro to INR exchange rates. Assume blank and INR values remain unchanged.
- Create a measure to calculate the sum of reimbursed amount in INR.
- Use the calculate function and check the total reimbursed amount for Project\_B.
- Create a measure to check the count of declined requests.
- Create a slicer visual for the Project and employee.
- Create a bar chart for employees and reimbursement amount.
- Create a pie chart for Project vs reimbursement amount.