SVKM'S NARSEE MONJEE MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING, NMIMS



RESEARCH OBJECTIVE

FOR

**DATA ANALYSIS**

**for**

**MovieLens Dataset**

**(Predictive Modelling)**

**By,**

**Aditi Anup (B001), Samreen Reyaz (B005), Dishant Bhatt (B013) and Gabriel Francis (B027)**

**Case Title: Analysis of 10,000 samples of MovieLens DataCollege: Mukesh Patel School of Technology Management & Engineering, NMIMS**

# RESEARCH OBJECTIVE

The objectives of this project were to analyze the data and find correlations between the various attributes and then after that to develop a model to predict a new rating based on the existing data. The movies in this data were categorized based on their date of release, date of video release, and genre. We also have to find the best model that could be used to predict the new ratings and for this we will use various classification methods, a regression method and a neural network with different activation functions.