**Reading The dataset for task 3**

ratings = pd.read\_csv('ml-100k/u.data', sep='\t', names=['user\_id', 'movie\_id', 'rating', 'timestamp'])

movies = pd.read\_csv('ml-100k/u.item', sep='|', encoding='latin-1', names=['movie\_id', 'title', 'release\_date', ...])

# Merge datasets if needed

data = pd.merge(ratings, movies, on='movie\_id')