Assignment Title:
Specify suitable title (for example, Collaborative Filtering Based Movie Recommendation System using Machine Learning)

Step 1: Create a New Environment in Anaconda

Step 2: Install Required Packages

Step 3: Define Domain and Problem Statement

Domain:
Problem Statement:

Step 4: Data Collection and Preprocessing
Download Link:

Preprocess Data:

Drop unnecessary columns

Handle missing values (other process can be included)

Step 5: Apply ML Algorithms (at least 3)

Step 6: Model Evaluation
Use Accuracy, Confusion Matrix, and Precision/Recall

Step 7: Streamlit Web App

Step 8: Upload to LMS
Upload the following:

.py (Your Python script)

.csv (CSV)

streamlit_app.py (Streamlit script)

Include Streamlit Share Link or screenshot of output

Submission date: 3rd January, 2026