

Assignment 1  
Wenyu Pan

1. The cardinality of basket\_data.csv is 27.
2. Code can be viewed at:
3.
  - (a) There are a total of 100480507 ratings.
  - (b) There are 480189 unique users in the data set.
  - (c) The data is valid between 1999-11-11 and 2005-12-31.
4. (a) There are 16994 movies with unique names.  
(b) There are 5 movies names refer to 4 different movies.
5. (a) 605 users rated exactly 200 movies.  
(b) Lowest user ID: 508  
Liked movies:
  - High Fidelity
  - Monty Python's The Meaning of Life: Special Edition
  - American Beauty
  - Roger & Me
  - Eternal Sunshine of the Spotless Mind
  - Being John Malkovich
  - Vietnam: A Television History
  - Super Size Me
  - Lord of the Rings: The Fellowship of the Ring
  - This Is Spinal Tap
  - The Pianist
  - The Silence of the Lambs
  - Sideways
  - Whale Rider
  - Garden State
  - Bowling for Columbine

- Gandhi
- Apocalypse Now Redux
- To Die For
- Monty Python's Life of Brian
- The Manchurian Candidate
- Memento
- Amelie
- Apocalypse Now
- The Usual Suspects
- Lord of the Rings: The Two Towers: Extended Edition
- The Lord of the Rings: The Fellowship of the Ring: Extended Edition
- Touching the Void
- Minority Report
- The Royal Tenenbaums
- Election
- Good Will Hunting
- L.A. Confidential
- Taxi Driver
- Lord of the Rings: The Two Towers
- Cabaret
- Adaptation
- The Accused
- Lost in Translation

- Boys Don't Cry
- To Be and To Have
- Schindler's List
- Raging Bull
- Lord of the Rings: The Return of the King
- Monty Python and the Holy Grail
- Raising Arizona
- The Shawshank Redemption: Special Edition
- Harold and Maude
- Downfall
- Lord of the Rings: The Return of the King: Extended Edition
- Monster
- Band of Brothers
- Three Kings
- Unforgiven
- Maria Full of Grace
- Days of Wine and Roses
- Shakespeare in Love