

STAT 578 Spring 2018 Homework 1

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(a)

(b)

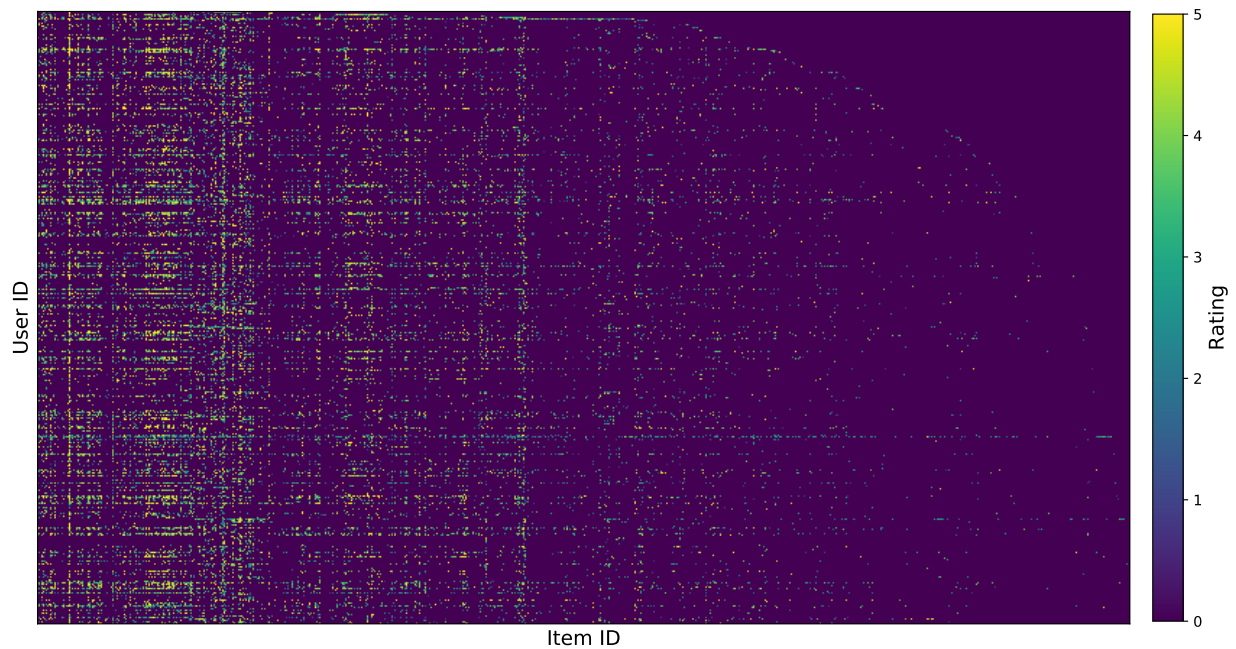
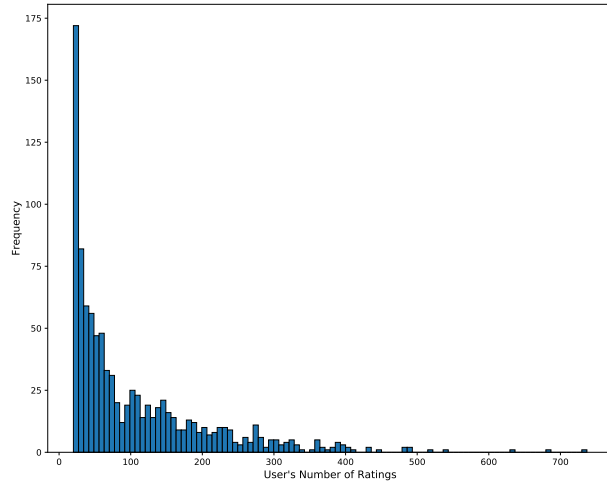
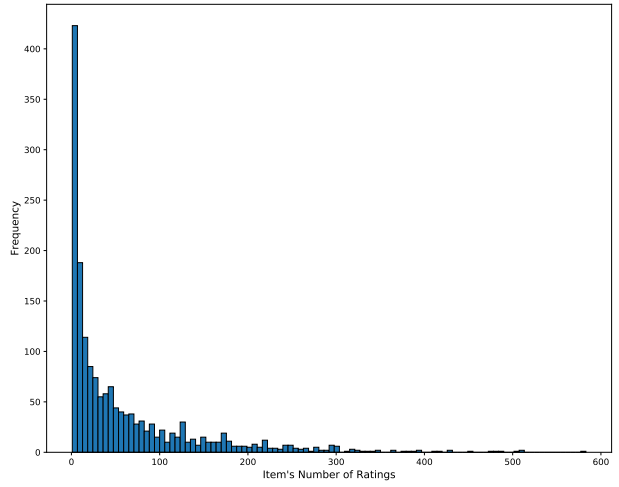


Figure 1: User-item utility matrix

(c)

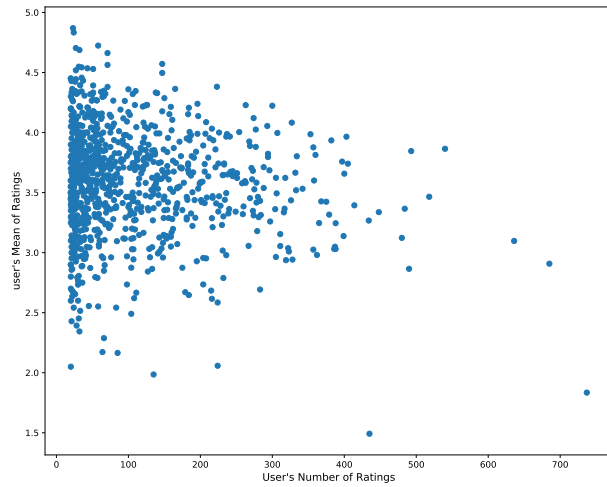


(a) Distribution of user's number of ratings

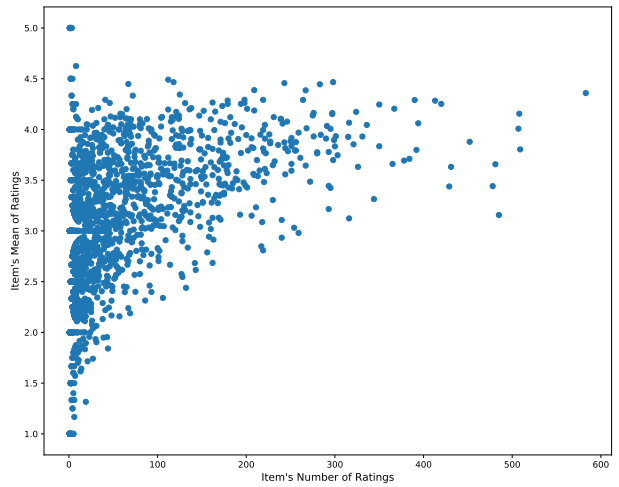


(b) Distribution of item's number of ratings

Figure 2: Distribution of User's / Item's number of ratings



(a) User's mean rating vs. number of ratings



(b) Item's mean rating vs. number of ratings

Figure 3: Mean ratings vs. number of ratings