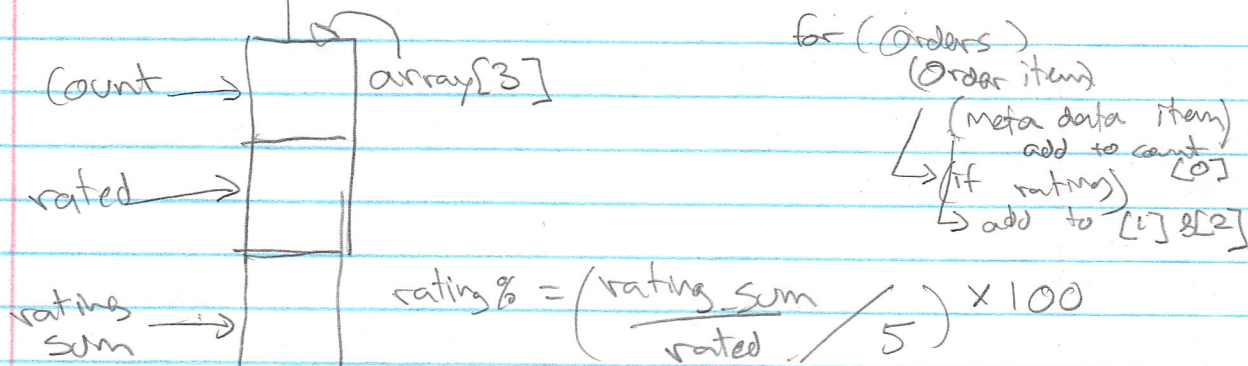


tot-reviews tot-menu-items
tot-orders (running-count)

key: menu-item, metadata

Dictionary →



meta-item → a word from a metadata

Score → $\text{count} / \text{orders} \times \text{rating (in \%)}$

(Min(100, score)) → or visits

Need: for each order

for each ~~Metadata entry~~ Menu-item

for each metadata entry

Score += scores[metadata-name];

to get scores we need

↑ ↓ # of times found in past orders

↑ ↓ average rating for reviews which have items which have that metadata

^ ? total orders made

^ ? total metadata found for the user

? total ^(words) reviews made

meta score = $\frac{\sum \text{meta-item score}}{\# \text{ meta items}}$ × Confidence

Score for menu item

max = 100
(from user history)

(in menu item)
Alloy

defaults to 1
max 1

Naive Bayes?