RESULT – DATA ALS & K-NN

Transactional Data (Binary)
(2017-01-16 to 2017-12-24 | 2017-11-06)

-----------------	ALS	k-nn
MAP		
MAP@1	0.17%	0.11%
MAP@3	0.18%	0.12%
MAP@5	0.20%	0.11%
MAP@10	0.23%	0.12%
MAP@20	0.25%	0.14%
MAP@30	0.26%	0.14%
MAP@40	0.27%	0.15%
MAP@50	0.27%	0.15%
MAP@60	0.28%	0.15%
MAP@70	0.28%	0.15%
MAP@80	0.28%	0.15%
MAP@90	0.28%	0.16%
MAP@100	0.28%	0.16%

Browsing Data on Nbr hits
(2017-01-16 to 2017-12-24 | 2017-11-06)

-----------------	ALS	K-nn
6.13%	6.08%
4.14%	3.96%
3.32%	3.17%
2.45%	2.32%
1.88%	1.75%
1.67%	1.53%
1.56%	1.42%
1.50%	1.35%
1.46%	1.31%
1.44%	1.28%
1.42%	1.26%
1.41%	1.24%
1.41%	1.23%

ALS: alternating least square.

K-nn: k nearest neighbour

Binary: Purchased or Not

Nbr Hits: recorded hits/interactions

SSENSE

COLD START – ITEM