

ML-1M 1M ratings 6040 users 3706 movies
ML-10M 10M ratings 69878 users on 10677 movies
ML-20M 20M ratings 138493 users on 26744 movies
Netflix 100M ratings 480189 users on 17770 movies

Runtime(s)

	ML-1M	ML-10M	ML-20M	Netflix
col 1e-2	21	213	357	843
row 1e-2	11	32	53	102
col 1e-2	7.6 + 1529.8	73.8 + 9523.2	159.2M + 18.9G	790M + 31.5G
row 1e-2	281.6 + 145.5	3584 + 1108.4	12.7 G + 2.9G	62G + 3.1G

Dataset Details

	ML-1M	ML-10M	ML-20M	Netflix
ratings	1M	10M	20M	100M
users	6040	69878	138493	480189
movies	3706	10677	26744	17770

Shuffle Read + Write

	ML-1M	ML-10M	ML-20M	Netflix
col 1e-2	7.6 + 1529.8	73.8 + 9523.2	159.2M + 18.9G	790M + 31.5G
row 1e-2	281.6 + 145.5	3584 + 1108.4	12.7 G + 2.9G	62G + 3.1G

Shuffle Write (MB)

	ML-1M	ML-10M	ML-20M	Netflix
col 1e-2	1529.8	9523.2	19353.6	32256.0
row 1e-2	145.5	1108.4	2969.6	3174.4

Shuffle Read

	ML-1M	ML-10M	ML-20M	Netflix
col 1e-2	7.6	73.8	159.2	790
row 1e-2	281.6	3584	12.7G	62G

