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---SVD of A: 11.691364765167236 seconds ---
r = 2, error <= 0.05, iter 0 : c = 10
r = 2, error <= 0.05, iter 1 : c = 7
r = 2, error <= 0.05, iter 2 : c = 10
r = 2, error <= 0.05, iter 3 : c = 10
r = 2, error <= 0.05, iter 4 : c = 7
r = 2, error <= 0.05, iter 5 : c = 7
r = 2, error <= 0.05, iter 6 : c = 11
r = 2, error <= 0.05, iter 7 : c = 9
r = 2, error <= 0.05, iter 8 : c = 12
r = 2, error <= 0.05, iter 9 : c = 12
When r = 2 and eps = 0.05, average c = 9.5.
---SVD of A: 11.73863673210144 seconds ---
r = 5, error <= 0.05, iter 0 : c = 15
r = 5, error <= 0.05, iter 1 : c = 12
r = 5, error <= 0.05, iter 2 : c = 12
r = 5, error <= 0.05, iter 3 : c = 15
r = 5, error <= 0.05, iter 4 : c = 11
r = 5, error <= 0.05, iter 5 : c = 10
r = 5, error <= 0.05, iter 6 : c = 16
r = 5, error <= 0.05, iter 7 : c = 19
r = 5, error <= 0.05, iter 8 : c = 17
r = 5, error <= 0.05, iter 9 : c = 14
When r = 5 and eps = 0.05, average c = 14.1.
---SVD of A: 11.831255197525024 seconds ---
r = 15, error <= 0.05, iter 0 : c = 26
r = 15, error <= 0.05, iter 1 : c = 25
r = 15, error <= 0.05, iter 2 : c = 24
r = 15, error <= 0.05, iter 3 : c = 25
r = 15, error <= 0.05, iter 4 : c = 23
r = 15, error <= 0.05, iter 5 : c = 24
r = 15, error <= 0.05, iter 6 : c = 22
r = 15, error <= 0.05, iter 7 : c = 22
r = 15, error <= 0.05, iter 8 : c = 27
r = 15, error <= 0.05, iter 9 : c = 22
When r = 15 and eps = 0.05, average c = 24.0.
---SVD of A: 13.051770210266113 seconds ---
r = 20, error <= 0.05, iter 0 : c = 31
r = 20, error <= 0.05, iter 1 : c = 28
r = 20, error <= 0.05, iter 2 : c = 27
r = 20, error <= 0.05, iter 3 : c = 28
r = 20, error <= 0.05, iter 4 : c = 29
r = 20, error <= 0.05, iter 5 : c = 28
r = 20, error <= 0.05, iter 6 : c = 26
r = 20, error <= 0.05, iter 7 : c = 28
r = 20, error <= 0.05, iter 8 : c = 29
r = 20, error <= 0.05, iter 9 : c = 25
When r = 20 and eps = 0.05, average c = 27.9.

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