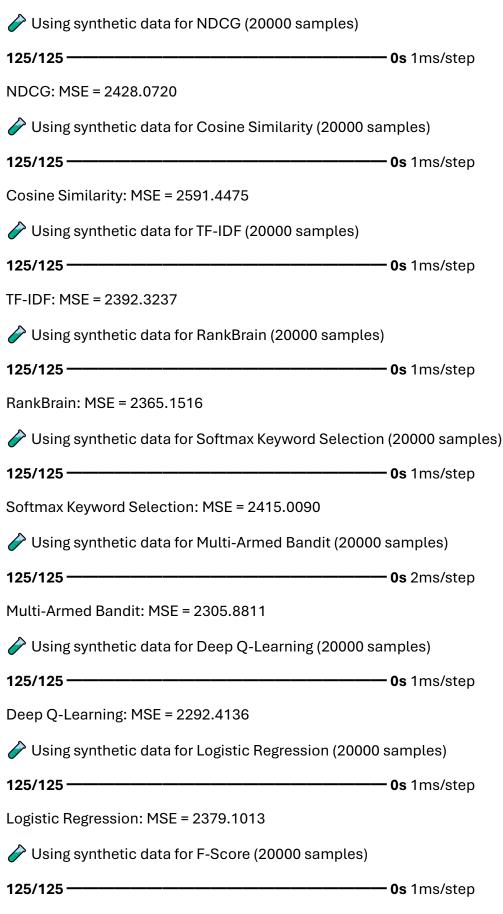
## FOR SYNTHETIC DATA

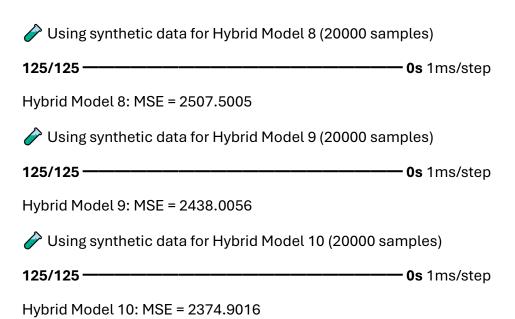
⚠ No dataset found. Using synthetic data instead.
Using synthetic data for MDP (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
MDP: MSE = 0.0008
Using synthetic data for Q-Learning (20000 samples)
<b>125/125</b> — <b>0s</b> 1ms/step
Q-Learning: MSE = 0.0000
Using synthetic data for Bellman Optimality (20000 samples)
<b>125/125 0s</b> 1ms/step
Bellman Optimality: MSE = 2421.0671
Using synthetic data for Temporal Difference (20000 samples)
<b>125/125 0s</b> 1ms/step
Temporal Difference: MSE = 2368.2441
Using synthetic data for Policy Gradient (20000 samples)
<b>125/125</b> — <b>0s</b> 1ms/step
Policy Gradient: MSE = 2377.9668
Using synthetic data for CTR (20000 samples)
<b>125/125 0s</b> 1ms/step
CTR: MSE = 2423.7871
Using synthetic data for PageRank (20000 samples)
<b>125/125 0s</b> 1ms/step
PageRank: MSE = 2176.7075
Using synthetic data for DCG (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
DCG: MSE = 2447.2241



F-Score: MSE = 2483.9343

Using synthetic data for Keyword Probability (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
Keyword Probability: MSE = 2314.9336
Using synthetic data for Reinforcement Learning Loss (20000 samples)
<b>125/125</b> — <b>Os</b> 2ms/step
Reinforcement Learning Loss: MSE = 2143.7041
Using synthetic data for Hybrid Model 1 (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
Hybrid Model 1: MSE = 2426.4124
Using synthetic data for Hybrid Model 2 (20000 samples)
<b>125/125</b> — <b>Os</b> 2ms/step
Hybrid Model 2: MSE = 2441.5227
Using synthetic data for Hybrid Model 3 (20000 samples)
<b>125/125 0s</b> 1ms/step
Hybrid Model 3: MSE = 2344.0645
Using synthetic data for Hybrid Model 4 (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
Hybrid Model 4: MSE = 2344.2725
Using synthetic data for Hybrid Model 5 (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
Hybrid Model 5: MSE = 2539.6528
Using synthetic data for Hybrid Model 6 (20000 samples)
<b>125/125</b> — <b>Os</b> 1ms/step
Hybrid Model 6: MSE = 2360.7505
Using synthetic data for Hybrid Model 7 (20000 samples)
<b>125/125</b> — <b>Os</b> 2ms/step
Hybrid Model 7: MSF = 2395 6497

Hybrid Model 7: MSE = 2395.6497



Best Formula: Q-Learning with MSE = 0.0000