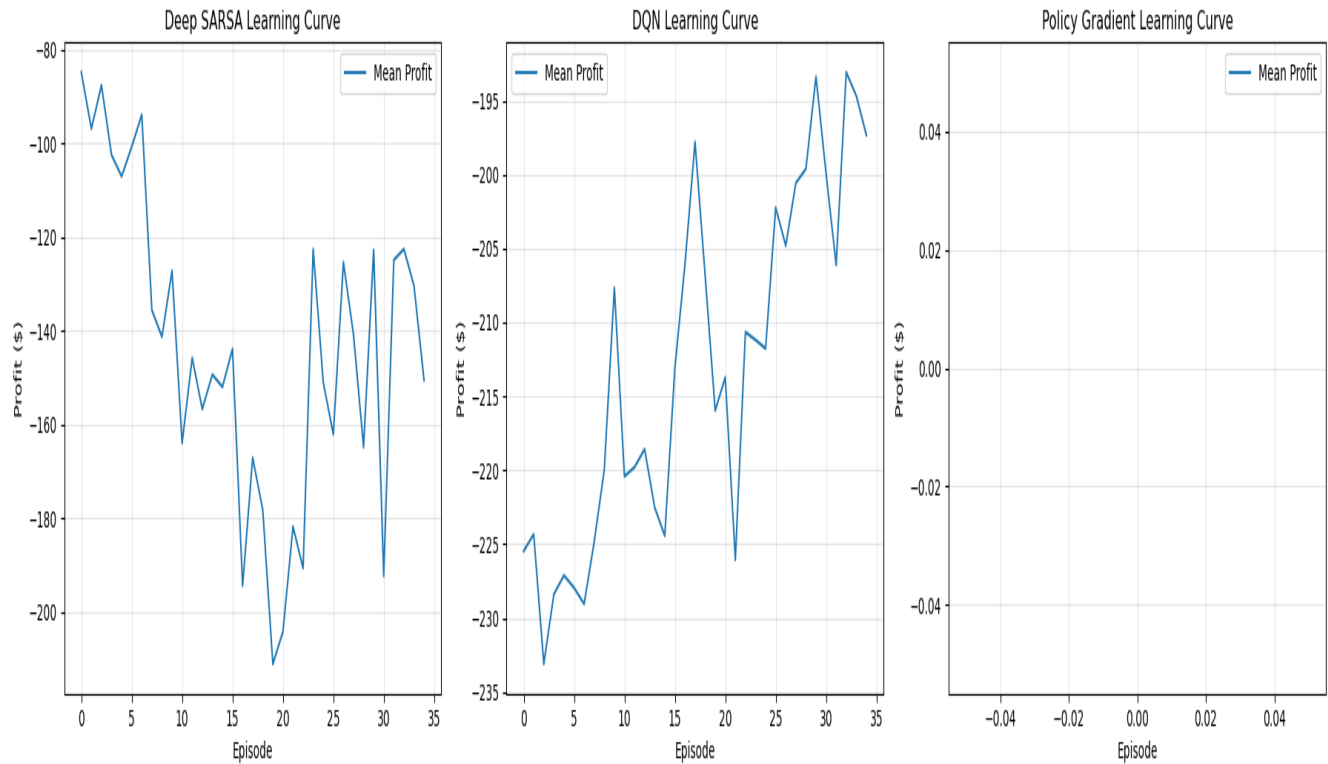# Training Results for MSN Bad Period

Hyperparameters:

Episodes: 35 Gamma: 0.95 Alpha: 0.6 Epsilon Start: 0.9 Epsilon Min: 0.1 Epsilon Decay: 0.95 NN
Epochs: 10 NN LR: 1e-05 Enabled Agents: [1, 1, 1]

Training Results:

Agent	Average Final Profit	Best Profit	Worst Profit	Peak Training Profit	Annual Return Rate	Total Return
Deep SARSA	$-150.51 ± $229.05	$413.34	$-477.50	$-84.77	-7.90%	-15.05%
DQN	$-197.34 ± $223.34	$76.04	$-524.29	$-193.08	-10.50%	-19.73%
Policy Gradient	$-181.29 ± $205.89	$0.00	$-559.73	N/A	-9.60%	-18.13%
Random Policy Baseline	$-181.29 ± $205.89	N/A	N/A	N/A	-9.60%	-18.13%

Learning Curves:

Profit Percentiles:

Độ biến thiên hiệu suất qua mỗi vòng lặp - MSN(bad)