

# Training Results for HPG Bad Period

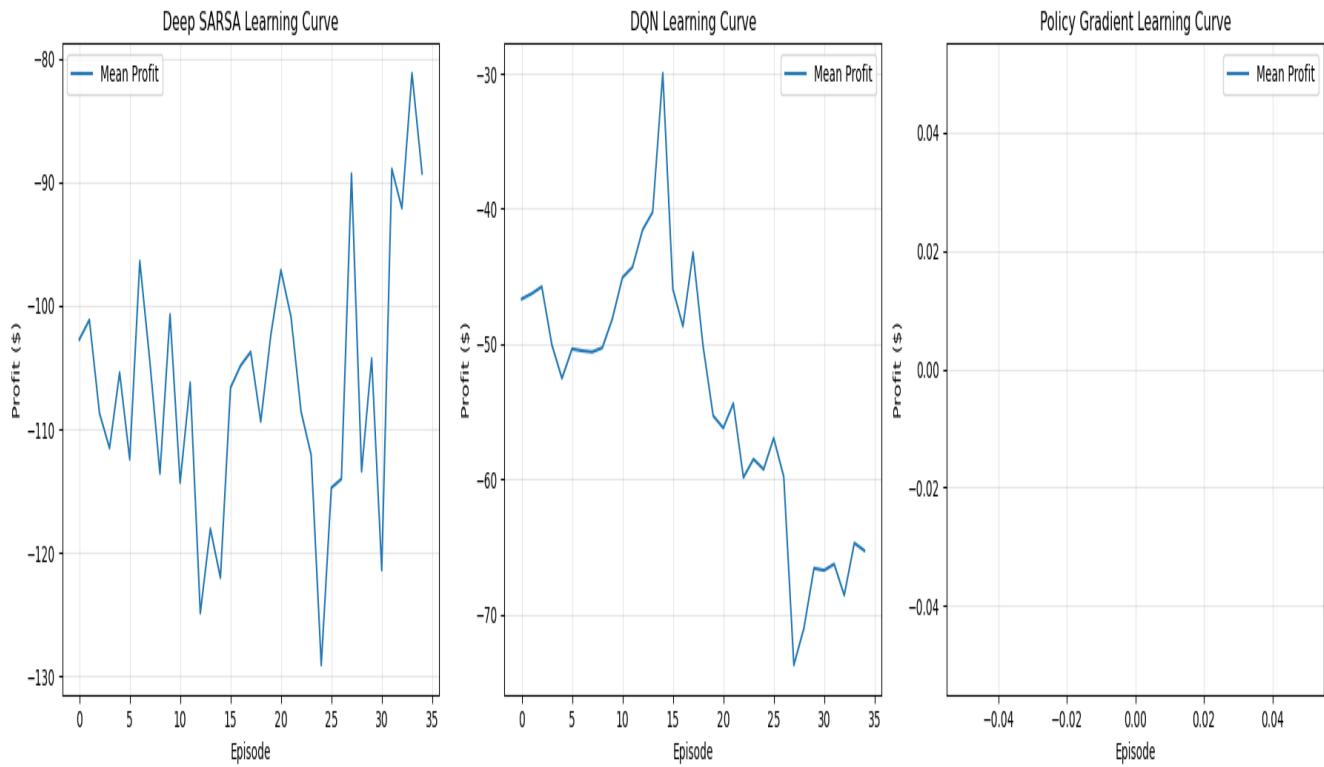
## Hyperparameters:

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:

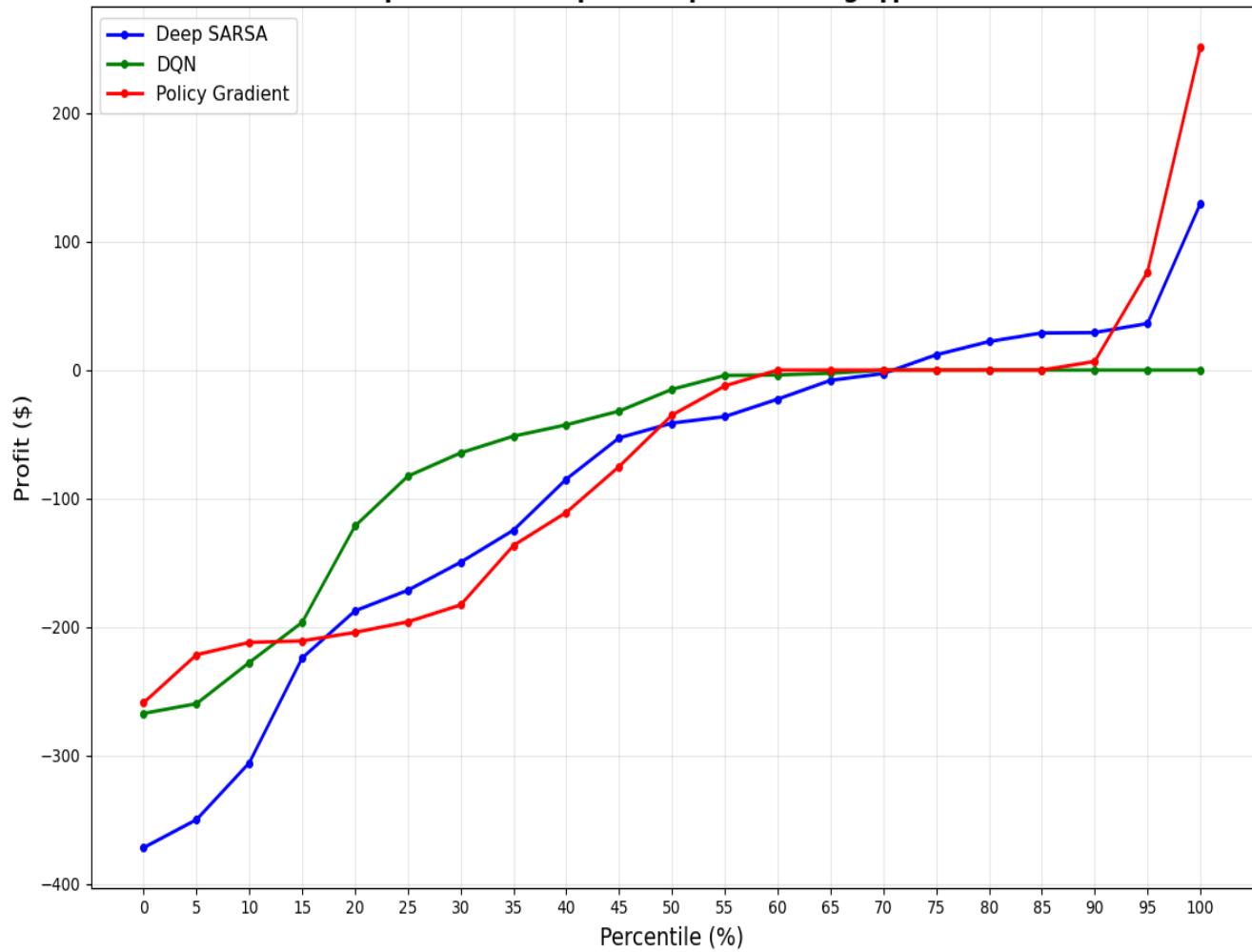
Agent	Average Final Profit	Best Profit	Worst Profit	Peak Training Profit	ROI	Annual Return Rate	Total Returns
Deep SARSA	\$-89.27 ± \$133.91	\$129.65	\$-371.74	\$-81.17	-8.93%	-4.61%	-8.93%
DQN	\$-65.27 ± \$90.79	\$0.00	\$-267.23	\$-29.98	-6.53%	-3.35%	-6.53%
Policy Gradient	\$-72.43 ± \$123.49	\$251.57	\$-258.92	N/A	-7.24%	-3.72%	-7.24%
Policy Baseline	\$-72.43 ± \$123.49	N/A	N/A	N/A	-7.24%	-3.72%	-7.24%

## Learning Curves:



## Profit Percentiles:

### Độ biến thiên hiệu suất qua mỗi vòng lặp - FPT



### Portfolio Value Over Time:

