



Optimizing Trading Strategies with Reinforcement Learning

Amulya Saxena

Travis Desell



Agenda - Stand up III

- Update
- Code Commits
- Experiments



Update

- Implemented
 - UI Framework
 - Reinforce Algorithm
- In Progress
 - Forecasting Model Integration
 - RL Agent (Experimenting with Different Algos)
 - UI - Giving errors with data integration

Upload your Feature-Engineered Dataset (CSV)

Drag and drop file here
Limit 200MB per file • CSV

Browse files



AKAM.csv
1.3MB



Deploy

REINFORCE Trading Algorithm Dashboard

Uploaded Dataset Preview

	date	TICKER	CUSIP	COMNAM	RET	VOL_CHANGE	BA_SPREAD	ILLIQUIDITY
0	1999-11-01	AKAM	009711T10	AKAMAI TECHNOLOGIES INC	0.2006	-0.5545	0.0007	
1	1999-11-02	AKAM	009711T10	AKAMAI TECHNOLOGIES INC	0.1058	-0.2223	0.0006	
2	1999-11-03	AKAM	009711T10	AKAMAI TECHNOLOGIES INC	-0.0097	-0.6116	0.0007	
3	1999-11-04	AKAM	009711T10	AKAMAI TECHNOLOGIES INC	-0.0923	0.0292	0.0004	
4	1999-11-05	AKAM	009711T10	AKAMAI TECHNOLOGIES INC	0.0058	-0.5158	0	

Dataset Length: 6080 rows

Start Training

Evaluate Agent

Gantt Chart

