

Reflection and teamwork (10 points, 1% of the grade)

GitHub: https://github.com/utilityfog/EZ_Optimization/tree/main

This is an **individual** assignment. Please submit one PDF file to Gradescope.

It needs to contain these components:

- One thing you learned through this project.
I learned that the training regime for a time series RL model itself can be path dependent, influenced by the model's initial policies.
- One challenge you encountered during this project and how you overcame it. (This exercise will be helpful in your job interview or grad school applications.)
The main challenge I encountered in this project was deliberating to try harder even when model's train and test set performance were both garbage. Most people would give up there, but I defied the definition of insanity and instead trained the whole model again, without changing anything. This is the main decision that allowed me to discover path dependence of my model.
- List a contribution that each team member made to the project (including you). Did everyone contribute to the project equally?
 - a. Kalkidan : Helped clean the dataset, ran descriptive statistics, and created several graphs used in our presentation. I also drafted part of the final summary and helped explain our findings clearly.
 - b. Nuhamin: Collected the dataset, prepared the initial research question, and organized our workflow.
 - c. Wonjae: Designed the final visualizations and assisted with coding the analysis pipeline:
 - d. Layla: Created the slide deck, wrote the introduction and conclusion, and presented our final results to the class.
- [Optional]** Anything else you would like for us to know about the project.
You must use a learning rate of 1e-2 to ensure that the model converges.
- [Extra credit]** Add this project to your CV, resume, LinkedIn page, personal website, or anything similar, and include a screenshot of it in your PDF file.


Scalator
Activity 0

Page visitors 2

Grow your business faster

[Try Premium Page](#)
[Claim \\$250 in ad credit](#)
[See visitor analytics](#)
 [Saved items](#)
 [Groups](#)
 [Newsletters](#)
 [Events](#)

The average career is 42 years.

Invest in your long-term growth with Premium.

[Get Premium now](#)


X


[Start a post](#)
 [Video](#)
 [Photo](#)
 [Write article](#)

Sort by: Top ▾


Wonjae Oh

 You
CTO @scalator and Student at University of North Carolina at Chapel Hill
now ·

...

+170% return ICM PPO Model:

<https://lnkd.in/gC4Tf-7G>

GitHub - utilityfog/EZ_Optimization: Path Dependent Learning Dynamics of ICM PPO with Epstein Zin Utility ...
[github.com](https://github.com/utilityfog/EZ_Optimization)
 1

2 comments


▼
 Love

 Comment

 Repost

 Send

Tell them what you loved...


Wonjae Oh
Author

CTO @scalator and Student at University of North Carolina at Chapel Hill

1s ...