

Report Ahmad Dimashkie

- Chatgpt helped with migration commands
- ⇒ Faced 2 issues the model had really high validation loss which is bad and the model's prediction was always a constant which led me to 2 solution
- <https://stackoverflow.com/questions/53129288/lstm-predicting-the-same-constant-values-after-a-while> used a way bigger window size of 5 instead reduced the validation
- Realized my data had a lot of variance so I had to normalize it found the solution here <https://stackoverflow.com/questions/62178888/can-someone-explain-to-me-how-minmaxscaler-works>
- <https://www.geeksforgeeks.org/time-series-forecasting-using-recurrent-neural-networks-rnn-in-tensorflow/>
- <https://www.youtube.com/watch?v=CbTU92pbDKw&t=1536s> this is how I trained the RNN model but I tweaked with the prediction function
- <https://lirate.org> from here I got the Black Market rate
- I wrote the logic right for scheduling when to check if the transaction needs a refund but used chatgpt to debug because I wanted to use APScheduler, it didn't work so I used instead threading
- Chatgpt helped me write the readME.md file