

FinTech Unit 14 Homework: Grading Rubric

Criteria	Ratings				Points
Data Prep for Training and Testing <ul style="list-style-type: none"> • <code>PNG</code> values used to predict closing price. • <code>Closing Price Model</code> used previous closing prices to predict the next closing price. • <code>MinMaxScaler</code> applied to the <code>X</code> and <code>Y</code> values to scale the data for the model. • <code>X_train</code> and <code>X_test</code> reshaped to fit the model requirements (samples, time steps, features) 	35 Points Mastery <ul style="list-style-type: none"> • Completed 4 out of 4 requirements • Code runs without error and produces the assigned results • Code accounts for all possible scenario • Code is free of bugs 	34 > 28 Points Approaching Mastery <ul style="list-style-type: none"> • Completed 3 out of 4 of requirements • Code runs without error • Code produces results as expected 80% of the time 	28 > 23 Points Progressing <ul style="list-style-type: none"> • Completed fewer than 2 out of 4 requirements • Code runs without error • Code produces results, but not necessarily the correct results 	23 > 0 Emerging <ul style="list-style-type: none"> • Completed 1 or none out of the 4 requirements • No submission • Code runs with error 	0
Build and train custom LSTM RNNs <ul style="list-style-type: none"> • Notebook created to fit data using <code>PNG</code> Values. • Notebook created to fit data using closing prices. Evaluate the Performance of each model. <ul style="list-style-type: none"> • Lowest cost model determined. • Model with best accuracy tracking determined. • Window Size determined for the model 	35 Points Mastery <ul style="list-style-type: none"> • Completed 5 out of 5 requirements • Code runs without error and produces the assigned results • Code accounts for all possible scenario • Code is free of bugs 	34 > 28 Points Approaching Mastery <ul style="list-style-type: none"> • Completed 4 out of 5 of requirements • Code runs without error • Code produces results as expected 80% of the time 	28 > 23 Points Progressing <ul style="list-style-type: none"> • Completed 3 out of 5 requirements • Code runs without error • Code produces results, but not necessarily the correct results 	23 > 0 Emerging <ul style="list-style-type: none"> • Completed 2 or fewer out of the 5 requirements • No submission • Code runs with error 	0
Coding Conventions/Formating <ul style="list-style-type: none"> • Appropriate header, name, short description at top of the notebook • Imports are at the top of the file, just after any headers or subheads. • Files read in from relative file path • Functions and variable names are descriptive, lowercase, with words separated by underscores • Clean code, no repetition, maintainable and highly reusable code. • Appropriate code wrapping and cell sizes • Appropriate subheads as needed 	10 Points Mastery	9 Points Approaching Mastery	8 Points Progressing	8 > 0 Emerging	0
Deployment/Submission <ul style="list-style-type: none"> • Files submitted in personal repo • Appropriate directory structure with correct files needed to run scripts • Appropriate commit messages • Appropriate <code>README</code> 	10 Points Mastery	9 Points Approaching Mastery	8 Points Progressing	8 > 0 Emerging	0
Documentation/Comments <ul style="list-style-type: none"> • Code is well commented with concise, relevant comments 	10 Points Mastery	9 Points Approaching Mastery	8 Points Progressing	8 > 0 Emerging	0

TOTAL POINTS 0

LETTER GRADE
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Feedback