

FinTech Unit 12 NLP Homework Grading Rubric

Criteria	Ratings			
Sentiment Analysis <ul style="list-style-type: none"> • Coin with Highest Mean Positive Score determined. • Coin with Highest Negative Score determined. • Coin with Highest Positive Score determined. 	35 Points Mastery <ul style="list-style-type: none"> • Completed 3 out of 3 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 2 out of 3 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 1 out of 3 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 3 requirements • No submission • Code runs with error
Natural Language Processing <ul style="list-style-type: none"> • NLTK used to produced ngrams. • Top 10 words listed for each Coin. Cloud Generation <ul style="list-style-type: none"> • Words Cloud generated for each Coin summarizing news for each Coin. Named Entity Recognition <ul style="list-style-type: none"> • Model build for both coins and Tags Visualized using SpaCy. 	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 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
Coding Conventions/Formatting <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

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 README 	10 Points Mastery	9 Points Approaching Mastery	8 Points Progressing	8 > 0 Emerging
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