

FinTech Unit 7 Homework: Grading Rubric											
Criteria	Ratings				Points	Feedback					
Data Modeling <ul style="list-style-type: none"> Database model defined PostgreSQL database created using defined model 	20 Points Mastery <ul style="list-style-type: none"> Completed 2 out of 2 requirements Code runs without error and produces the assigned results Code accounts for all possible scenario Code is free of bugs 	19 > 15 Points Approaching Mastery <ul style="list-style-type: none"> Completed 1 out of 2 of requirements Code runs without error Code produces results as expected 80% of the time 	15 > 13 Points Progressing <ul style="list-style-type: none"> Completed fewer than 1 out of 2 requirements Code runs without error Code produces results, but not necessarily the correct results 	13 > 0 Emerging <ul style="list-style-type: none"> Completed 0 out of 2 requirements No submission Code runs with error 	0						
Data Engineering <ul style="list-style-type: none"> Database schema for each table and relationships. Data types specified Primary keys Foreign Keys 	20 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 	19 > 15 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 	15 > 13 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 	13 > 0 Emerging <ul style="list-style-type: none"> Completed 1 or none out of the 4 requirements No submission Code runs with error 	0						
Data Analysis <ul style="list-style-type: none"> Fraudulent transactions identified. SQL and Pandas DataFrames utilized for report within Jupyter Notebook. Visual data analysis of fraudulent transactions using Pandas, Plotly Express, hvPlot, and SQLAlchemy to create the visualizations. 	30 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 	29 > 25 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 	25 > 20 Points Progressing <ul style="list-style-type: none"> Completed 1 out of 3 requirements Code runs without error Code produces results, but not necessarily the correct results 	20 > 0 Emerging <ul style="list-style-type: none"> Completed 0 out of the 3 requirements No submission Code runs with error 	0						
Coding Conventions/Formatting	10 Points Mastery <ul style="list-style-type: none"> Imports are at the top of the file, just after any module comments and docstrings, and before module globals and constants. Function names are lowercase, with words separated by underscores Variable names follow the same convention as function names. Code follows (DRY) principals, no repetition, maintainable and highly reusable code. 	9 Points Approaching Mastery <ul style="list-style-type: none"> Variable names are specific and descriptive of the information held by the variable Imports are within the top of file 	8 Points Progressing <ul style="list-style-type: none"> Code lacks proper indentation and length convention <ul style="list-style-type: none"> Limit all lines to a maximum of 79 characters. Variable names are generic and not descriptive of the information held by the variable Imports and files are located in a non-standard location 	8 > 0 Emerging <ul style="list-style-type: none"> Code is excessively lengthy Variable names are missing or lacking any descriptive information Import and files are not loaded 	0						
Deployment/Submission	10 Points Mastery <ul style="list-style-type: none"> Repository cloned to local machine Files added to the repo via the command line Appropriate commit messages 	9 Points Approaching Mastery <ul style="list-style-type: none"> Repository cloned to local machine Files added to repo via the command line 	8 Points Progressing <ul style="list-style-type: none"> Repository created on GitHub Files added manually on GitHub 	8 > 0 Emerging <ul style="list-style-type: none"> No Submission Submission via incorrect format 	0						
Documentation/Comments	10 Points Mastery <ul style="list-style-type: none"> Code is well commented with concise, relevant notes 	9 Points Approaching Mastery <ul style="list-style-type: none"> Code is commented and mostly understandable to an outside user 	8 Points Progressing <ul style="list-style-type: none"> Code has comments, but they are not understandable to an outside user 	8 > 0 Emerging <ul style="list-style-type: none"> Code is not commented 	0						
						LETTER GRADE					
TOTAL POINTS 0						F					