FinTech Unit 6 Homework: Grading Rubric

Criteria	Ratings				Points	Feedback
Rental Analysis • Number of housing units per year calculated. • Bar chart visualization of rental analysis results. **Average Gross Rent in San Francisco Per Year** • Gross Calculated for each year. • Gross rent pet year visualized in line chart. •	**20 Points Mastery** • 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 > 16 Points Approaching Mastery** • Completed 3 out of 4 of requirements • Code runs without error • Code produces results as expected 80% of the time	**16 > 14 Points Progressing** • Completed 2 out of 4 requirements • Code runs without error • Code produces results, but not necessarily the correct results	**14 > 0 Emerging** • Completed 1 or none out of the 4 requirements • No submission • Code runs with error	0	
Average Sales Price Per Year • Gross Calculated for each year. • Gross rent pet year visualized in line chart. **Average Prices By Neighborhood** • Data grouped by year and neighborhood and average calculated per sqft. • Average sales per sqft per year visualized with a neighborhood dropdown selector.	**20 Points Mastery** • 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 > 16 Points Approaching Mastery** • Completed 3 out of 4 of requirements • Code runs without error • Code produces results as expected 80% of the time	**16 > 14 Points Progressing** • Completed 2 out of 4 requirements • Code runs without error • Code produces results, but not necessarily the correct results	**14 > 0 Emerging** • Completed 1 or none out of the 4 requirements • No submission • Code runs with error	0	
Top 10 Most Expensive Neighborhoods • calculate the mean sale price for each neighborhood and then sort the values to obtain the top 10 most expensive neighborhoods on average • Result plotted as a bar chart. **Parallel Coordinates and Parallel Categories Analysis** • Parallel Coordinates Plotted • Parallel Categories Plotted	**15 Points Mastery** • 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	**14 > 11 Points Approaching Mastery** • Completed 3 out of 4 of requirements • Code runs without error • Code produces results as expected 80% of the time	**11 > 9 Points Progressing** • Completed 2 out of 4 requirements • Code runs without error • Code produces results, but not necessarily the correct results	**9 > 0 Emerging** • Completed 1 or none out of the 4 requirements • No submission • Code runs with error	0	
Neighborhood Map • Interactive map with average neighborhood prices per sqft. **Dashboard** • Interactive dashboard encompassing each functional visualization.	**15 Points Mastery** • 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	**14 > 11 Points Approaching Mastery** • Completed 1 out of 2 requirements • Code runs without error • Code produces results as expected 80% of the time	**11 > 9 Points Progressing** • Completed fewer than 1 out of 2 requirements • Code runs without error • Code produces results, but not necessarily the correct results	**9 > 0 Emerging** • Completed 0 out of 2 requirements • No submission • Code runs with error	0	
Coding Conventions/Formating	**10 Points Mastery** • 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** • Variable names are specific and descriptive of the information held by the variable • Imports are within the top of file	**8 Points Progressing** • Code lacks proper indentation and length convention - 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** • 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** • Repository cloned to local machine • Files added to the repo via the command line • Appropriate commit messages	**9 Points Approaching Mastery** • Repository cloned to local machine • Files added to repo via the command line	**8 Points Progressing** • Repository created on GitHub • Files added manually on GitHub	**8 > 0 Emerging** • No Submission • Submission via incorrect format	0	
Documentation/Comments	**10 Points Mastery** • Code is well commented with concise, relevant notes	**9 Points Approaching Mastery** • Code is commented and mostly understandable to an outside user	**8 Points Progressing** • Code has comments, but they are not understandable to an outside user	**8 > 0 Emerging** • Code is not commented	0	

					LETTER GRADE	
				TOTAL POINTS 0	**F**	