FinTech Unit 6 Homework: Grading Rubric

Criteria	Ratings				Points	Feedback
Rental Analysis • Number of dwelling types per year calculated. • Bar chart visualization of rental analysis results. **Average Monthly Shelter Cost Toronto Per Year** • Average monthly shelter costs calculated for owned and rented dwellings for each year. • Monthly average shelter cost per 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 House Value Per Year • *average_house_value* calculated for each year. • *average_house_value* per year visualized in line chart. Average Prices By Neighbourhood • DataFrame created with mean house values by neighbourhood per year. • *average_house_value mean* visualized per year, neighbourhood dropdown selector added.	**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	
Number of Dwelling Types per Year. • Dwelling types per year visualized in each neighbourhood. • Mean house value for each neighbourhood calculated. • Mean house value sorted for top 10 most expensive neighbourhood on average. • Results plotted as a bar chart.	**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	
Neighbourhood Map • Interactive map with average prices per neighbourhood. 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/Formatting	**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	
Cost Analysis (Optional Challenge) • Bar chart of average house value for all Toronto neighbourhood per year. • Sunburst chart created and analysis conducted of the most expensive neighbourhoods in Toronto per year. • Interactive dashboard created for each visualization of cost analysis.	**30 Points Mastery** • 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	**20 Points Approaching Mastery** • Completed 2 out of 3 requirements • Code runs without error • Code produces results as expected 80% of the time	**10 Points Progressing** • Completed 1 out of 3 requirements • Code runs without error • Code produces results, but not necessarily the correct results	**0 Emerging** • Completed 0 out of 3 requirements • No submission • Code runs with error	0	

TOTAL POINTS 0

LETTER GRADE
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