	FII	nTech Unit 5 Homework: Gradi	ng Rubric		1		
Criteria					Points	Fe	edback
Budget Analysis - Generate a Plat access then to access the Developer Sandoux. - 90 days account transactions fetch from the sandour using Access Token. - Basic budget analysis on the sandour transaction and plot generated. - Fetch Income data using the APE Print Last Year's income before Tax. Current Monthly Income and Projected Income Before Tax.	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		
Retirement Planner *Montic Casio Simulation created for the netrement portfolio. *Instructed data Fetch from Alpaca APT for a traditional 60440 Portfolio using SPY and AGG with appropriate federals. *S00 Runs Montic Casio Simulation and 30 year simulation for 60440 portfolio. *ON DRAIN Montic Casio Simulation and 30 year simulation for 60440 portfolio. **Notice Casio Simulation and 30 year simulation for 60440 portfolio. **Notice Casio Simulation and 30 year simulation for 60440 portfolio. **Notice Casio Simulation and 30 year simulation for 60440 portfolio. **Notice Casio Simulation and 30 year simulation for 60440 portfolio. **Notice Casio Simulation and 30 year simulation for 60440 portfolio. **Notice Casio Simulation and 30 year simulation for 60440 portfolio using SPY and AGG with appropriate for 50440 portfolio using SPY and AGG with appropriate for 50440 portfolio.	20 Points Mastery - Completed Soury of Sequirements - Code runs without error and produces the assigned results - Code accounts for all possible scenario - Code is free of bugs	19 > 18 Points Approaching Mastery Completed 3 out of 5 of requirements Code runs without error Code produces results as expected 80% of the time	18 > 14 Points Progressing - Completed 2 or of sequirements - Code runs without error - Code produces results, but not necessarily the correct results	14 > 0 Emerging Completed 1 or none out of the 5 requirements No submission Code runs with error	0		
Retirement Analysis - Cumulative returns at 30 years for the 10th, 50th, and 90th percentiles - Cumulative returns at 30 years for the 10th, 50th, and 90th percentiles for a 20k investment. - Platid Analysis with a 4% withdrawal rate. - 50% increase analysis on initial investment on 4% retirement withdrawal.	15 Points Mastery	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 a 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		
Financial Report - Budget Avalysis, transaction data summarize charts and tables produced. - Retirement portfolio analysed, charts from monte carlo simulation included.	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 of 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	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.	Points Approaching Mastery Variable names are specific and descriptive of the information held by the variable Imports are within the top of file	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	D = 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	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	Points Mastery Code is well commented with concise, relevant notes	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		
Optional Challenge — Early Retirement Portfolio adjusted for early retirement - Analysis of high stock vs bond ratio/ Initial investment	10 Points Mastery - Completed 100% of requirements - Code runs without error and produces the assigned results - Code accounts for all possible scenario - Code is free of bugs	10 > 8 Points Approaching Mastery - Completed 2 80% of requirements - Code runs without error - Code produces results as expected 80% of the time	8 > 6 Points Progressing - Completed 2 70% of requirements - Code runs without error - Code produces results, but not necessarily the correct results	6 > 0 Emerging • Completed ≤ 70% of requirements • No submission • Code does not run without error	0	LETTER GRADE	
				TOTAL POINTS	0	F	