

Rubric for Module 2 Challenge:

	Proficiency 80 to > 71 points	Approaching Proficiency 71 to > 67 points	Developing Proficiency 67 to > 59 points	Emerging 59 to > 0 points	Incomplete
Deliverable 1: Refactor VBA Code and Measure Performance	<p>The Deliverable fulfills All the Requirements and the script runs without any errors.</p> <ul style="list-style-type: none"> The <code>tickerIndex</code> is set to equal to zero before looping over the rows. (5 pts) Arrays are correctly created for tickers and ALL output arrays (volume, starting prices, and ending prices). (15 pts) The <code>tickerIndex</code> is used to access the stock ticker index for the tickers array and the THREE output arrays. (15 pts) The script loops through stock data, reading and storing ALL of the following values from each row: tickers, volumes, starting prices, ending prices (30 pts) Code for formatting the cells in the spreadsheet is working. (5 pts) The output for the 2017 and 2018 stock analysis match the outputs from the AllStockAnalysis in the module. (5 pts) The pop-up messages are saved as PNGs. (5 pts) 	<p>The Deliverable has the following:</p> <ul style="list-style-type: none"> The <code>tickerIndex</code> is set to equal to zero before looping over the rows. (5 pts) Arrays are created for tickers and TWO of the THREE output arrays (volume, starting prices, and ending prices) with one or two errors. (12 pts) The <code>tickerIndex</code> is used to access the stock ticker index for the tickers array and the THREE output arrays, with one or two minor errors. (12 pts) The script loops through stock data, reading and storing THREE of the following values from each row: tickers, volume, starting prices, ending prices, with one or two minor errors. (27 pts) Code for formatting the cells in the spreadsheet is working. (5 pts) The output for the 2017 and 2018 stock analysis match the outputs from the AllStockAnalysis in the module. (5 pts) The pop-up messages are saved as PNGs. (5 pts) 	<p>The Deliverable has the following:</p> <ul style="list-style-type: none"> The <code>tickerIndex</code> is set to equal to zero before looping over the rows. (5 pts) Arrays are created for tickers and TWO of the THREE output arrays (volume, starting prices, and ending prices) with two or three errors. (11 pts) The <code>tickerIndex</code> is used to access the stock ticker index for the tickers array and TWO output arrays, with two or three errors. (11 pts) The script loops through stock data, reads, and stores TWO of the following values from each row: tickers, volume, starting prices, ending prices, with two or three errors. (25 pts) Code for formatting the cells in the spreadsheet is working. (5 pts) The output for the 2017 and 2018 stock analysis match the outputs from the AllStockAnalysis in the module. (5 pts) The pop-up messages are saved as PNGs. (5 pts) 	<p>The Deliverable has the following:</p> <ul style="list-style-type: none"> The <code>tickerIndex</code> is set to equal to zero after looping over the rows. (3 pts) Arrays are created for tickers and ONE of the THREE output arrays (volume, starting prices, and ending prices) with more than three errors (10 pts) The <code>tickerIndex</code> is used to access the stock ticker index for the tickers array and ONE output array, with more than three errors. (10 pts) The script loops through stock data, reads, and stores ONE of the following values from each row: tickers, volume, starting prices, ending prices, with more than three errors. (21 pts) Code for formatting the cells in the spreadsheet is working. (5 pts) The output for the 2017 and 2018 stock analysis match the outputs from the AllStockAnalysis in the module. (5 pts) The pop-up messages are saved as PNGs. (5 pts) 	<p>No submission was received</p> <p>-OR-</p> <p>Submission was empty or blank</p> <p>-OR-</p> <p>Submission contains evidence of academic dishonesty</p>
	Proficiency 8 points	Approaching Proficiency 7 to > 6 points	Developing Proficiency 6 to > 4 points	Emerging 4 to > 0 points	

Deliverable 2: Structure, Organization, and Formatting	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> • There is a title, and there are multiple paragraphs (2 pts). • Each paragraph has a heading (2 pt). • There are subheadings (2 pt). • Links are working, and images are correct and displayed where appropriate (2 pt). 	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> • There is a title, and there are multiple paragraphs (2 pts). • Each paragraph has a heading (2 pt). • There are subheadings (2 pt) • Not all the links to code and / or images are working, or they are incorrect (1 pt). 	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> • There is a title, and there are multiple paragraphs (2 pts). • Each paragraph has a heading (2 pt). • AND ONE of the following: • There are subheadings (2 pt). • Links are working, and images are correct and displayed where appropriate (2 pt). 	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> • There is a title, and there are multiple paragraphs (2 pts). <p>AND ONE of the following:</p> <ul style="list-style-type: none"> • Each paragraph has a heading (2 pt). • There are subheadings (2 pt). • Links are working, and images are correct and displayed where appropriate (2 pt). 	
	<ul style="list-style-type: none"> • Proficiency • 12 points 	<ul style="list-style-type: none"> • Approaching Proficiency • 11 to > 8 points 	<ul style="list-style-type: none"> • Developing Proficiency • 8 to > 6 points 	<ul style="list-style-type: none"> • Emerging • 6 to > 0 points 	
Deliverable 2: Analysis	<p>The Deliverable Fulfills "Emerging" Required Criteria – (6 pts).</p> <p>AND has the following:</p> <ul style="list-style-type: none"> • There is a detailed summary of the pros and cons of refactoring code. (3 pts) • There is a detailed summary of the pros and cons of the original and refactored VBA script (3 pts). 	<p>The Deliverable Fulfills "Emerging" Required Criteria – (6 pts).</p> <p>AND has at least ONE of the following:</p> <ul style="list-style-type: none"> • There is a detailed summary of the pros and cons of refactoring code OR there is a key point missing. (2-3 pts) • There is a detailed summary of the pros and cons of the original and refactored VBA script OR there is a key point missing. (2-3 pts). 	<p>The Deliverable Fulfills "Emerging" Required Criteria – (6 pts).</p> <p>AND has at least ONE of the following:</p> <ul style="list-style-type: none"> • The summary of refactoring code is missing key points. (1-2 pts) • The summary of the original and refactored VBA script is missing key points. (1-2 pts) 	<p>REQUIRED:</p> <ul style="list-style-type: none"> • The purpose and background are well defined (2 pts). • The analysis is well described with screenshots and code (4 pts). 	