Rubric for Module 16 Challenge:

	Proficiency 40 to > 37 points	Approaching Proficiency 36 to > 32 points	Developing Proficiency 31 to > 28 points	Emerging 27 to > 0 points	Incomplete
Deliverable 1: Perform ETL on Amazon Product Reviews	● An Amazon Review dataset is extracted as a DataFrame (10 pt) ● The extracted dataset is transformed into four DataFrames with the correct columns (20 pt) ● ALL FOUR DataFrames are loaded into their respective tables in pgAdmin (10 pt)	● An Amazon Review dataset is extracted as a DataFrame (10 pt) ● The extracted dataset is transformed into four DataFrames with the correct columns, AND ONE df has incorrect column names (18 pt) ● THREE of the FOUR DataFrames are loaded into pgAdmin tables (8 pt)	● An Amazon Review dataset is extracted as a DataFrame (10 pt) ● The extracted dataset is transformed into four DataFrames, but the products df has duplicate rows, OR ONE or more dfs has incorrect column names (14 pt) ● TWO of the FOUR DataFrames are loaded into pgAdmin tables (7 pt)	● An Amazon Review dataset is extracted as a DataFrame (10 pt) ● The extracted dataset is transformed into four DataFrames, but the products df has duplicate rows, AND ONE or more dfs has incorrect column names (10 pt) ● TWO of the FOUR DataFrames are loaded into pgAdmin tables (7 pt)	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty
	Proficiency 40 to > 36 points	Approaching Proficiency 36 to > 34 points	Developing Proficiency 34 to > 31 points	Emerging 31 to > 0 points	
Deliverable 2: Determine Bias of Vine Reviews	● There is a DataFrame or table for the vine_table data (5 pt) ● The data is filtered to create a DataFrame or table where there are 20 or more total votes (5 pt) ● The data is filtered to create a DataFrame or table where the percentage of helpful_votes is equal to or greater than 50% (5 pt) ● The data is filtered to create a DataFrame or table where there is a Vine review (5 pt) ● The data is filtered to create a DataFrame or table where there isn't a Vine review (5 pt) ● The total number of votes, the number of 5 star reviews, and	● There is a DataFrame or table for the vine_table data (5 pt) ● The data is filtered to create a DataFrame or table where there are 20 or more total votes (5 pt) ● The data is filtered to create a DataFrame or table where the percentage of helpful_votes is equal to or greater than 50% (5 pt) ● The data is filtered to create a DataFrame or table where there is a Vine review (5 pt) ● The data is filtered to create a DataFrame or table where there isn't a Vine review (5 pt) ● The total number of votes and the number of 5 star reviews	● There is a DataFrame or table for the vine_table data (5 pt) ● The data is filtered to create a DataFrame or table where there are 20 or more total votes (5 pt) ● The data is filtered to create a DataFrame or table where the percentage of helpful_votes is equal to or greater than 50% (5 pt) ● The data is filtered to create a DataFrame or table where there is a Vine review (5 pt) ● The data is filtered to create a DataFrame or table where there isn't a Vine review (5 pt) ● The total number of votes AND the number of 5 star	● There is a DataFrame or table for the vine_table data (5 pt) ● The data is filtered to create a DataFrame or table where there are 20 or more total votes (5 pt) ● The data is filtered to create a DataFrame or table where the percentage of helpful_votes is equal to or greater than 50% (5 pt) ● The data is filtered to create a DataFrame or table where there is a Vine review (5 pt) ● The data is filtered to create a DataFrame or table where there isn't a Vine review (5 pt) ● Either the total number of votes OR the number of 5 star	

	the percentage of 5 star reviews are calculated (15 pt)	are calculated, but there is an error calculating the percentage of 5 star reviews (11 pt)	reviews are calculated (9 pt) ●	reviews are calculated (6 pt)	
	Proficiency **6 points to > 5 points**	**Approaching Proficiency** **5 to > 4 points**	**Developing Proficiency** **4 to > 3 points**	**Emerging** **3 to > 0 points**	
Deliverable 3: Structure, Organization, and Formatting	The written analysis has ALL of the following: ● There is a title, and there are multiple sections. (2 pt) ● Each section has a heading and subheading. (2 pt) ● There are images and references to code, and they are formatted and displayed correctly. (2 pt)	The written analysis has ALL of the following: ● There is a title, and there are multiple sections. (2 pt) ● Each section has a heading and subheading. (2 pt) ● There are images and references to code, and they are formatted and displayed correctly with one or two minor errors. (1 pt)	The written analysis has ALL of the following: ● There is a title, and there are multiple sections. (2 pt) AND ONE of the following: ● Each section may have a heading and subheading. (2 pt) ● There are images and references to code, and they are formatted and displayed correctly with one or two minor errors. (1 pt)	The written analysis has ALL of the following: ● There is a title. (1 pt) ● There may be a subheading for a section. (1 pt) ● There are no headings for each section, but there are three sections. (1 pt)	
	Proficiency **14 to > 12 points**	**Approaching Proficiency** **12 to > 10 points**	**Developing Proficiency** **10 to > 8 points**	**Emerging** **8 to > 0 points**	
Deliverable 3: Analysis	● The purpose is well defined (3 pt). ● ALL THREE questions are addressed in the results (7 pt) ● The summary states whether or not there is bias and is supported by the results, and there is a supporting additional recommendation (4 pt).	● The purpose is well defined (3 pt). ● ALL THREE questions are addressed in the results, but there is a misinterpretation (6 pt) ● The summary states whether or not there is bias and is supported by the results, but the additional recommendation doesn't support the statement (3 pt)	● The purpose is well defined (3 pt). ● TWO of the THREE questions are addressed in the results (5 pt) ● The summary states whether or not there is bias and is supported by the results, but there is no additional recommendation. (2 pt)	● The purpose is well defined (3 pt). ● ONE of the THREE questions is addressed in the results (4 pt). ● The summary states whether or not there is bias, but it is not supported by the results. (1 pt)	