Rubric for PyBer:

	Mastery **35 to > 31 points**	**Approaching Mastery** **31 to > 27 points**	**Progressing** **27 to > 24 points**	**Emerging** **24 to > 0 points**	**Incomplete**
Deliverable 1: A ride-sharing summary DataFrame by city type	✓ The total rides, total drivers, or sum of the fares are correctly retrieved. (15 pt) ✓ The average fare per ride for each city type is correctly calculated. (5 pt) ✓ The average fare per driver for each city type is correctly calculated. (5 pt). ✓ A summary DataFrame is created and all the columns are correct. (5 pt) ✓ All FIVE columns of the summary DataFrame are correctly formatted (5 pt)	TWO of the THREE following data points are correctly retrieved: ✓ The total rides, total drivers, or sum of the fares. (10 pt) AND: ✓ Code is written to retrieve the remaining data points for each city type but with one minor error. (4 pt) ✓ The average fare per ride OR per driver for each city type is correctly calculated and the other is incorrect. (8-9 pt). ✓ A summary DataFrame is created but only THREE to FOUR of the columns are correct. (4 pt) ✓ THREE to FOUR of the columns of the DataFrame are correctly formatted (4 pt)	TWO of the THREE following data points are correctly retrieved: ✓ The total rides, total drivers, or sum of the fares. (10 pt) AND: ✓ Code is written to retrieve the remaining data points for each city type but with one minor error. (4 pt) ✓ Code is written to calculate the average fare per ride for each city type but with one minor error. (3 pt) ✓ Code is written to calculate the average fare per driver for each city type but with one minor error. (3 pt). ✓ A summary DataFrame is created but only TWO to THREE of the columns are correct. (3 pt) ✓ TWO to THREE of the columns of the DataFrame are correctly formatted (4 pt)	ONE of the THREE following data points are correctly retrieved: ✓ The total rides, total drivers, or sum of the fares. (5 pt) AND: ✓ Code is written to retrieve the other TWO data points for each city type but with minor errors. (7 pt) ✓ Code is written to calculate the average fare per ride for each city type but with one minor error. (3 pt) ✓ Code is written to calculate the average fare per driver for each city type but with one minor error. (3 pt). ✓ A summary DataFrame is created but only ONE to TWO of the columns are correct. (3 pt) ✓ ONE to TWO of the columns of the DataFrame are correctly formatted (3 pt)	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty
	Mastery **45 to > 42 points**	**Approaching Mastery** **42 to > 39 points**	**Progressing** **39 to > 35 points**	**Emerging** **34 to > 0 points**	
Deliverable 2: A multiple-line chart of total fares for each city type	✓ A DataFrame was created using the groupby() function on the “type” and “date” columns, and the sum() method is applied on the “fare” column. (10 pt) ✓ A DataFrame was created using the pivot() function where the index is the “date”, the columns are the city “type”, and values are the “fare”. (10 pt)	✓ A DataFrame was created using the groupby() function on the “type” and “date” columns, and the sum() method is applied on the “fare” column. (10 pt) ✓ A DataFrame was created using the pivot() function where the index is the “date”, the columns are the city “type”, and values are the “fare” (10 pt)	✓ A DataFrame was created using the groupby() function on the “type” and “date” columns, and the sum() method is applied on the “fare” column. (10 pt) ✓ A DataFrame was created using the pivot() function where the index is the “date”, the columns are the city “type”, and values are the “fare”. (10 pt)	✓ A DataFrame was created using the groupby() function on the “type” and “date” columns, and the sum() method is applied on the “fare” column. (10 pt) ✓ Code is written with a minor error to create a DataFrame using the pivot() function where the index is the “date” and each column has the city “type”, (7 pt)	

	✓ A DataFrame was created using the loc method on the date range indicated (5 pt) ✓ A DataFrame was created using the resample() function in weekly bins and shows the sum of the fares for each week. (10 pt) ✓ An annotated chart showing the total fares by city type is created and saved. (10 pt)	✓ A DataFrame was created using the loc method on the date range indicated. (5 pt) ✓ A DataFrame was created using the resample() function in weekly bins and shows the sum of the fares for each week. (10 pt) ✓ The chart may have multiple lines but not like the solution, but is annotated and saved. (7 pt)	✓ A DataFrame was created using the loc method on the date range indicated. (5 pt) ✓ Code is written to create a DataFrame using the resample() function in weekly bins, but the total fares aren't retrieved correctly. (7 pt) ✓ The chart may have multiple lines but not like the solution, but is annotated and saved. (7 pt)	✓ A DataFrame was created using the loc method on the date range indicated. (5 pt) ✓ Code is written to create a DataFrame using the resample() function in weekly bins, but the total fares aren't retrieved correctly. (7 pt) ✓ The chart doesn't have multiple lines but is annotated and saved. (5 pt)	
	Mastery 6 points	**Approaching Mastery 5 to > 4 points**	**Progressing 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 which 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 which 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 which 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)	
	Mastery 14 to > 11 points	**Approaching Mastery 11 to > 10 points**	**Progressing 9 to > 8 points**	**Emerging 8 to > 0 points**	
Deliverable 3: Analysis	✓ The purpose and background are well defined (3 pt). ✓ There is a description of the differences in the ride-sharing data for ALL SIX metrics by city type. (7 pt) ✓ There is a statement summarizing THREE business recommendations addressing disparities among the city types. (4 pt).	✓ The purpose and background are well defined (3 pt). ✓ There is a description of the differences in the ride-sharing data for FOUR to FIVE of the SIX metrics by city type. (5 pt) ✓ There is a statement summarizing TWO business recommendations addressing disparities among the city types. (3 pt).	✓ The purpose and background are well defined (3 pt). ✓ There is a description of the differences in the ride-sharing data for TWO to THREE of the SIX metrics by city type. (4 pt) ✓ There is a statement summarizing ONE business recommendation addressing disparities among the city types. (2 pt).	✓ The purpose and background are well defined (3 pt). ✓ There is a description of the differences in the ride-sharing data for ONE to TWO of the SIX metrics by city type. (3 pt) ✓ The summary does not adequately address business recommendations addressing disparities among the city types.(1-2 pt)	