

Rubric for Surfs Up:

	Mastery 40 to > 36 points	Approaching Mastery 36 to > 33 points	Progressing 32 to > 27 points	Emerging 26 to > 0 points	Incomplete
Deliverable 1: Determine the Summary Statistics for June	<ul style="list-style-type: none"> ✓ There is a working query that retrieves the temperatures from the Measurements table. (10 pt). ✓ The temperatures are added to a list. (10 pt). ✓ The list of temperatures is converted to a DataFrame (10 pt). ✓ A summary statistics table is generated (10 pt). 	<ul style="list-style-type: none"> ✓ The query retrieves the temperatures from the correct month(10 pt). ✓ The temperatures are added to a list but there is a minor error. (8 pt) ✓ The list of temperatures is converted to a DataFrame with a minor error (8 pt) ✓ A summary statistics table is generated (10 pt). 	<ul style="list-style-type: none"> ✓ The query retrieves the temperatures from the correct month but there is additional data. (8 pt). ✓ The temperatures and additional data are added to a list. (8 pt). ✓ The temperatures and additional data are converted to a DataFrame. (8 pt). ✓ A summary statistics table is generated (10 pt). 	<ul style="list-style-type: none"> ✓ The query retrieves the incorrect temperatures. (6 pt) ✓ The incorrect temperatures are added to a list (6 pt). ✓ The list of temperatures and the extra data are added to DataFrame (6 pt). ✓ A summary statistics table is generated but the data is incorrect. (8 pt). 	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty
	Mastery 40 to > 36 points	Approaching Mastery 36 to > 33 points	Progressing 32 to > 27 points	Emerging 26 to > 0 points	
Deliverable 2: Determine the Summary Statistics for December	<ul style="list-style-type: none"> ✓ There is a working query that retrieves the temperatures from the Measurements table. (10 pt). ✓ The temperatures are added to a list. (10 pt). ✓ The list of temperatures is converted to a DataFrame (10 pt). ✓ A summary statistics table is generated (10 pt). 	<ul style="list-style-type: none"> ✓ The query retrieves the temperatures from the correct month(10 pt). ✓ The temperatures are added to a list but there is a minor error. (8 pt) ✓ The list of temperatures is converted to a DataFrame with a minor error (8 pt) ✓ A summary statistics table is generated (10 pt) 	<ul style="list-style-type: none"> ✓ The query retrieves the temperatures from the correct month but there is additional data. (8 pt). ✓ The temperatures and additional data are added to a list. (8 pt). ✓ The temperatures and additional data are converted to a DataFrame. (8 pt). ✓ A summary statistics table is generated (10 pt). 	<ul style="list-style-type: none"> ✓ The query retrieves the incorrect temperatures. (6 pt) ✓ The incorrect temperatures are added to a list (6 pt). ✓ The list of temperatures and the extra data are added to DataFrame (6 pt). ✓ A summary statistics table is generated but the data is incorrect. (8 pt). 	
	Mastery 6 points	Approaching Mastery 5 to > 3 points	Progressing 3 to > 2 points	Emerging 2 to > 0 points	
Deliverable 3: Structure, Organization, and Formatting	The written analysis has ALL of the following: <ul style="list-style-type: none"> ✓ There is a title, and there are multiple sections. (2 pt) 	The written analysis has ALL of the following: <ul style="list-style-type: none"> ✓ There is a title, and there are multiple sections. (2 pt) 	The written analysis has ALL of the following: <ul style="list-style-type: none"> ✓ There is a title, and there are multiple sections. (2 pt) 	The written analysis has ALL of the following: <ul style="list-style-type: none"> ✓ There is a title. (1 pt) 	

	<ul style="list-style-type: none"> ✓ Each section has a heading. (2 pt) ✓ There are images and they are formatted and displayed correctly. (2 pt) 	<ul style="list-style-type: none"> ✓ Each section has a heading. (2 pt) ✓ There are images and they are formatted and displayed correctly with one or two minor errors. (1 pt) 	<p>AND ONE of the following:</p> <ul style="list-style-type: none"> ✓ Each section may have a heading. (1 pt) ✓ There are images to code and they are formatted and displayed correctly with one or two minor errors. (1 pt) 	<ul style="list-style-type: none"> ✓ There are no headings for each section, but there are three sections. (1 pt) 	
	Mastery 14 points	Approaching Mastery 12 to > 10 points	Progressing 10 to > 7 points	Emerging 7 to > 0 points	
Deliverable 3: Analysis	<ul style="list-style-type: none"> ✓ The purpose is well defined (3 pt). ✓ All THREE major points are described. (6 pt). ✓ There is a high-level summary of the results and TWO additional queries. (5 pt) 	<ul style="list-style-type: none"> ✓ The purpose is well defined (3 pt). ✓ All THREE major points are described. (6 pt). ✓ There is a high-level summary of the results and ONE of TWO additional queries. (3 pt) 	<ul style="list-style-type: none"> ✓ The purpose is well defined (3 pt). ✓ TWO of the THREE major points are described. (4 pt). ✓ There is a high-level summary of the results and ONE of TWO additional queries. (3 pt) 	<ul style="list-style-type: none"> ✓ The purpose is well defined (3 pt). ✓ ONE of the THREE major points are described. (2 pt). ✓ There is a high-level summary of the results only. (2 pt) 	