

Rubric for PyCitySchools:

Criteria	Demonstrating Proficiency 50 to > 47 points	Approaching Proficiency 47 to > 42 points	Developing Proficiency 42 to > 36 points	Emerging 36 to > 0 points	Incomplete 0 points	Pts
Deliverable 1: Replace Ninth Grade Reading and Math Scores	<p>The Deliverable Fulfills "Approaching Proficiency" Required Criteria and meets this requirement:</p> <p>✓ The reading and math scores are replaced with NaN.</p>	<p>The Deliverable Fulfills "Developing Proficiency" Required Criteria and meets these requirements:</p> <p>PLUS</p> <p>✓ Logical AND comparison operators are used to retrieve all the rows with the math scores for Thomas High School ninth graders.</p> <p>AND does this:</p> <p>✓ Either the reading OR math scores are replaced with NaN.</p>	<p>The Deliverable Fulfills "Emerging" Required Criteria and meets these requirements:</p> <p>✓ A comparison operator is used to retrieve all the rows with ninth grade in the "grade" column</p> <p>✓ Logical AND comparison operators are used to retrieve all the rows with the reading scores for Thomas High School ninth graders.</p> <p>AND does these:</p> <p>✓ Logical AND comparison operators are used to retrieve the math scores from ALL the grades at Thomas High School.</p> <p>✓ There is an attempt to replace reading and/or math scores with NaN, OR all the rows from Thomas High School are replaced with NaN</p>	<p>REQUIRED: The Deliverable does the following:</p> <p>✓ A comparison operator is used to retrieve all the rows with Thomas High School in the "school_name" column.</p> <p>AND does these:</p> <p>✓ A comparison operator is used to retrieve all the rows from the "grade" column</p> <p>✓ Logical AND comparison operators are used to retrieve the reading scores from all grades of Thomas High School.</p> <p>✓ Logical AND comparison operators are used to retrieve the math scores from all grades of Thomas High School.</p> <p>✓ There is an attempt to replace reading and math scores with NaN, OR all the rows from Thomas High School are replaced with NaN</p>		50.0
	Demonstrating Proficiency 25 points	Approaching Proficiency 24 to > 23 points	Developing Proficiency 22 to > 20 points	Emerging 20 to > 0 points		
Deliverable 2: Repeat the School District Analysis	<p>The reading and math scores are replaced with NaN and all the following are completed with no errors:</p> <p>✓ There is a new district summary DataFrame.</p> <p>✓ There is a new school</p>	<p>The reading and math scores are replaced with NaN and all the following are completed with some errors:</p> <p>✓ There is a new district summary DataFrame.</p> <p>✓ There is a new school summary</p>	<p>Either the reading OR math scores are replaced with NaN and all the following are completed:</p> <p>✓ There is a new district summary DataFrame.</p>	<p>The reading and math scores are not replaced with NaN but all the following are completed:</p> <p>✓ There is a district summary DataFrame.</p> <p>✓ There is a new school summary DataFrame.</p>		25.0

	<p>summary DataFrame.</p> <ul style="list-style-type: none"> ✓ The bottom 5 performing schools are shown. ✓ The average math scores for each grade level are shown. ✓ The average math scores for each grade level are shown. ✓ The average reading scores for each grade level are shown. ✓ The scores by school spending per student is shown. ✓ The scores by school size is shown. ✓ The scores by school type are shown. 	<p>DataFrame.</p> <ul style="list-style-type: none"> ✓ The bottom 5 performing schools are shown. ✓ The average math scores for each grade level are shown. ✓ The average math scores for each grade level are shown. ✓ The average reading scores for each grade level are shown. ✓ The scores by school spending per student is shown. ✓ The scores by school size is shown. ✓ The scores by school type are shown. 	<ul style="list-style-type: none"> ✓ There is a new school summary DataFrame. ✓ The bottom 5 performing schools are shown. ✓ The average math scores for each grade level are shown. ✓ The average math scores for each grade level are shown. ✓ The average reading scores for each grade level are shown. ✓ The scores by school spending per student is shown. ✓ The scores by school size is shown. ✓ The scores by school type are shown. 	<ul style="list-style-type: none"> ✓ The top 5 performing schools are shown. ✓ The bottom 5 performing schools are shown. ✓ The average math scores for each grade level are shown. ✓ The average reading scores for each grade level are shown. ✓ The scores by school spending per student is shown. ✓ The scores by school size is shown. ✓ The scores by school type are shown. 		
	Demonstrating Proficiency 7 points	Approaching Proficiency 6 to > 4 points	Developing Proficiency 4 to > 3 points	Emerging 3 to > 0 points		
Deliverable 3: 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 sections. ✓ Each section has a heading and subheading. ✓ There are images and references to code, and they are formatted and displayed correctly. 	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> ✓ There is a title, and there are multiple sections. ✓ Each section has a heading and subheading. ✓ There are images and references to code, and they are formatted and displayed correctly with one or two minor errors. 	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> ✓ There is a title, and there are multiple sections. <p>AND ONE of the following:</p> <ul style="list-style-type: none"> ✓ Each section may have a heading and subheading. ✓ There are images and references to code, and they are formatted and displayed correctly with one or two minor errors. 	<p>The written analysis has ALL of the following:</p> <ul style="list-style-type: none"> ✓ There is a title. ✓ There may be a subheading for a section. ✓ There are no headings for each section, but there are three sections. 		7.0
	Demonstrating Proficiency 18 to > 16 points	Approaching Proficiency 15 to > 13 points	Developing Proficiency 13 to > 11 points	Emerging 10 to > 0 points		
Deliverable 3:	✓ The purpose is well defined.	✓ The purpose is well defined.	✓ The purpose is well defined.	✓ The purpose is well defined.		18.0

<p>Analysis</p>	<p>✓ SIX to SEVEN metrics are addressed.</p> <p>✓ THREE to FOUR major changes are summarized for the school district analysis.</p>	<p>✓ FIVE to SIX of the SEVEN metrics are addressed.</p> <p>✓ TWO to THREE major changes are summarized for the school district analysis.</p>	<p>✓ THREE to FOUR of the SEVEN metrics are addressed.</p> <p>✓ ONE to TWO major changes are summarized for the school district analysis.</p>	<p>✓ Less than THREE of the SEVEN metrics are addressed.</p> <p>✓ Only ONE major change is summarized or the summary does not adequately address the major changes to the school district analysis.</p>		
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