

PROJECT SPECIFICATION

Explore Weather Trends

Analysis

CRITERIA	MEETS SPECIFICATIONS
Student is able to extract data from a database using SQL.	<ul style="list-style-type: none"> The SQL query used to extract the data is included. The query runs without error and pulls the intended data.
Student is able to manipulate data in a spreadsheet or similar tool.	Moving averages are calculated to be used in the line chart.
Student is able to create a clear data visualization.	<ul style="list-style-type: none"> A line chart is included in the submission. The chart and its axes have titles, and there's a clear legend (if applicable).

CRITERIA	MEETS SPECIFICATIONS
Student is able to interpret a data visualization.	<ul style="list-style-type: none">• The student includes four observations about their provided data visualization.• The four observations are accurate.

Suggestions to Make Your Project Stand Out!

Think about other ways to compare and find insights from this data beyond interpreting the chart. Here are a few ideas:

- What's the correlation coefficient?
 - Can you estimate the average temperature in your city based on the average global temperature?
 - Multiple cities - Add your favorite cities from around the globe to your visualization. What do you learn about them?
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