**ROJECT SPECIFICATION**

**Explore Weather Trends**

Analysis

| CRITERIA | MEETS SPECIFICATIONS |
| --- | --- |
| Student is able to extract data from a database using SQL. | * 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. | * A line chart is included in the submission. * The chart and its axes have titles, and there's a clear legend (if applicable). |
| Student is able to interpret a data visualization. | * 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. Hear 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?