UDACITY

Logout

PROJECT 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.<br>• 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 clear a data visualization. | • A line chart is included in the submission.<br>• 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.<br>• 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?