UDACITY

Return to Classroom

Explore Weather Trends

REVIEW

HISTORY

Meets Specifications

Hey there,

First of all - welcome to the Data Science world! - a world that gives you way more knowledge compared to what you can see in the everyday news :)!

And thank you for submitting your project. You did a really good job and even though this is one of the first projects you already got an idea of how data can help us frame the trends and convert data into information and information into knowledge!

Also, you see, that while working with Data each detail is important.

I hope you enjoyed working on this project. Ahead there are many more interesting and challenging projects.

Keep up your good work!

Analysis

- **The SQL query used to extract the data is included.**
- **The query runs without error and pulls the intended data.**

Good work!

You have presented the SQL queries and I was able to test them - both extract the data needed!
Also, I would like the way how you presented your work in this section - well done! Data is also about how well you present it!

Moving averages are calculated to be used in the line chart.

As far as I can see 5-year Moving Average is an optimal range of the years - the chart has no noise.

Even though your explanation clearly demonstrates that you understand the concept of Moving Average, I would still like to share with you the source below that presents more insights about MA

Calculating Moving Average in Excel - Simple, Weighted, & Exponential

- **A line chart is included in the submission.**
- **The chart and its axes have titles, and there's a clear legend (if applicable).**

You did good work creating a chart. The only thing that is missing is the titles of axes (Temperature in C (Celsius), Years. Please, add them so we can see it in the chart.

I would also like to share with you this source that gives some more insights into how to create charts. Please, when you have time, consider reading - to add more information on the best practices in the visualization process - How to Create a Chart From Start to Finish

- The student includes four observations about their provided data visualization.
- The four observations are accurate.

The observations you made are good. I just want to advise you to use numerical data in your observations. Numbers are always a good backup of your arguments.
And specifically, in the case of the current project - since you have a real trend observable on the chart - support your Observation/Interpretation with data. Whenever you need to present the outcome or anyone who sees the project will immediately get a sense of accountability and credibility with numbers!

If this project made you curious about what is really happening with climate change and how important data analysis in this area I would like to also suggest this article for reading - The Critical Role of Observations in Informing Climate Science, Assessment and Policy

DOWNLOAD PROJECT

RETURN TO PATH