

Tell a better data story

In this competition, take on the role of an aspiring data sorcerer and use the magical AI assistant to craft a more enchanting visualization that reveals the distribution of magical creatures across Numeria's kingdoms.

Once upon a time...

Valuable data about mystical creatures inhabiting the kingdoms of Numeria was gathered in the enchanted land of Numeria. Dragons, unicorns, fairies, goblins, elves, and trolls lived in places like the Enchanted Forest, Mystic Mountains, and Whispering Woods.

However, the chart in the Great Hall failed to clearly show how these creatures were distributed. A cryptic visualization lost important insights...

Explore the magical dataset

Familiarize yourself with the magical data of Numeria. The dataset contains:

- Kingdom: The name of the kingdom where the creatures reside
- CreatureType: The type of mystical creature (e.g., Dragon, Unicorn)
- Number_of_Creatures: The total number of that creature type in the kingdom

Your quest

As a budding data sorcerer, your quest is to improve the above data visualization. You can modify the existing (hidden) code, or create a new one from scratch.

- Follow the steps to create a chart that:
 - Represents the data in an appropriate format
 - Is clear and accessible
 - Reveals insights
- Summarize your findings (see below)

[OPTIONAL] Learn some basics!

If you haven't already, take our short course on [Communicating Data Insights](#), which includes the basics of storytelling with data. If you have more time, also check out [Data Storytelling Concepts](#).

You will be awarded a Statement of Accomplishment when you complete either course. You can find a link to your Statement of Accomplishment on the course home page using the above link. Feel free to share a link to your statement!

Try Some More Changes

Consider asking the AI assistant to:

- Add some colour
- Add data labels

Think about readability and experiment with:

- Font sizes
- Axis labels
- Legends
- Anything else that you learned from the courses!

Tell a Story

Weave a narrative around your chart.

Here's an example: "The chart reveals that the Enchanted Forest is home to the highest number of magical creatures, making it the most mystical region in Numeria. The Shimmering Shores has the fewest, suggesting a quieter, perhaps less explored kingdom. This information could help to allocate resources or plan grand events to celebrate the magical diversity of Numeria."

Simplicity is magic. While creativity is encouraged, ensure that your chart and story remain clear and understandable.

Reflect on your improvements and the impact they have. Consider the following questions:

- What was so bad about the initial chart?
- What other improvements could be made?

Submit your chart alongside your reflections and a short story. Aim for around 300 words in total.

Judging Criteria

This is a community-based competition. Once the competition concludes, you'll have the opportunity to view and vote for the most creative and educational submissions.

The top 5 most upvoted entries will win. The winners will receive DataCamp merchandise.

Checklist Before Publishing into the Competition

- Rename your workspace to make it descriptive of your work. N.B. you should leave the notebook name as notebook.ipynb.
- **Remove redundant cells** like the judging criteria, so the workbook is focused on your chart, reflections, and story.

Time is Ticking. Good Luck!

Embark on your quest to enchant Numeria with your data storytelling prowess. May your visualizations sparkle with insight and magic!

